

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.



LIBRARY
RECEIVED
★ JAN 22 1953 ★
U.S. Department of Agriculture

AGGELER & MUSSER SEED COMPANY

LOS ANGELES 21, CALIFORNIA

Seeds
Garden and Farm
Supplies
Planting
Information
1953

THE BACKGROUND OF THIS COVER IS THE NEW 1953
ALL-AMERICA SELECTION, ALYSSUM ROYAL CARPET.
Packet 25c See page 22.



Sow A&M Reliable Vegetable Seeds

SOUTHERN CALIFORNIA COMMERCIAL GROWERS:

The Aggeler & Musser Seed Company representative will gladly recommend varieties suitable for your particular growing area and market and quote quantity prices for varieties you desire to grow.



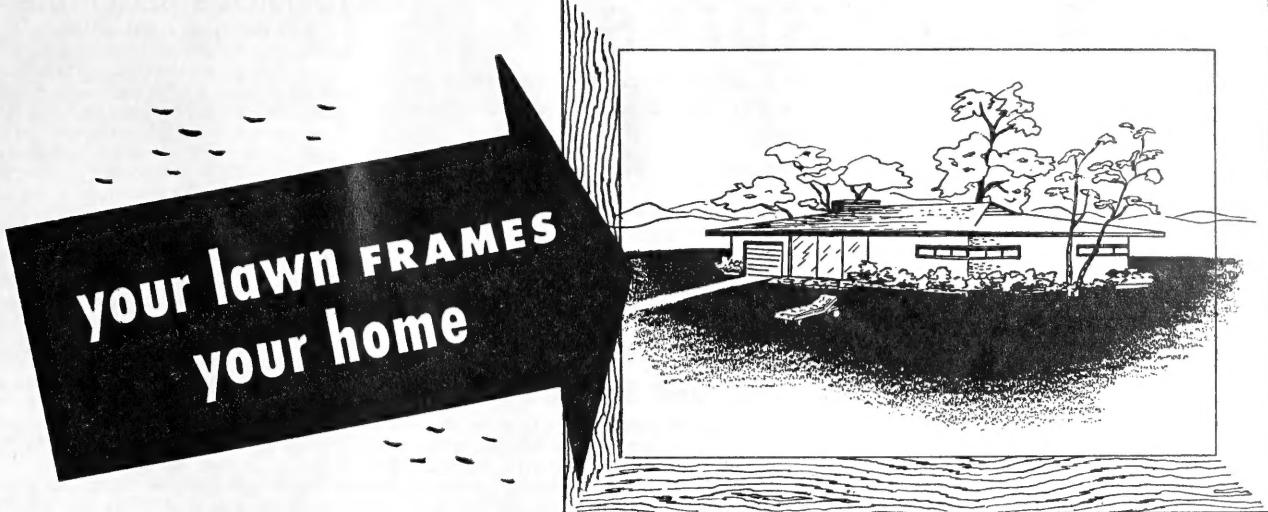
for your protection
and to promote
sturdy growth

60
DETROIT
DARK RED
BEET. Pkt. 15c



327 CALIFORNIA WONDER PEPPER
Pkt. 15c





to grow the best . . . PLANT THE BEST

AGGEALER & MUSSER LAWN GRASS SEED

A lawn puts the finishing touch to an attractive home. Once it is planted it remains indefinitely—that's why it is so important that the proper selection of seed be made in the beginning to avoid disappointment. Aggeler & Musser Lawn Seeds and mixtures are the highest quality obtainable anywhere. When the name Aggeler & Musser appears on the lawn seed package you buy, you can plant it with confidence.

A&M SHADY LAWN GRASS

In planting a lawn under trees or on the north side of the house it is often difficult to obtain a satisfactory growth of grass. A&M SHADY LAWN GRASS, however, is a mixture of fine bladed grasses especially blended for such places and will produce an even growth of beautiful grass wherever there is considerable shade. 1 lb. \$1.25; 5 lbs. \$6.10; 10 lbs. \$11.90.

KENTUCKY BLUE GRASS

The most popular lawn grass because of its beautiful color, fine texture, dwarf habit of growth and heavy sod. Plant 1 lb. to 200 sq. ft. 1 lb. \$1.50; 10 lbs. \$12.50. Write for quantity prices.

ASTORIA BENT GRASS

The conditions under which this strain of bent grass seed is grown and produced renders it more favorable to our particular climate than many other varieties. 1 lb. \$2.00; 5 lbs. \$9.75; 10 lbs. \$19.00.

AGGEALER & MUSSER DOUBLE TREATED BLU-GREEN BLEND

This Aggeler & Musser Lawn Mixture will produce a long lasting, dark green lawn of beauty that will be ready for cutting in only 18 days (under normal conditions) after planting. DOUBLE TREATED for disease resistance, stronger roots and healthier growth. 1 lb. plants 100 square feet. 1 lb. bag 45c; 2 lb. bag 87c; 5 lb. bag \$2.15.

AGGEALER & MUSSER DOUBLE TREATED VELVET BLEND

This Aggeler & Musser Lawn Seed Blend will produce an all fine bladed velvety, permanent turf of golf green perfection in sun or shade. ALSO, DOUBLE TREATED. 1 lb. will plant 200 square feet. 1 lb. bag \$1.35; 2 lb. bag \$2.55; 5 lb. bag \$6.25.

SEASIDE BENT GRASS

This strain of bent grass is the most popular for golf greens and has been used for many years for this purpose on the foremost courses. Write for cultural directions. 1 lb. \$1.90; 5 lbs. \$9.25. Write for quantity prices.

HIGHLAND BENT GRASS

Extra hardy and has a heavier root growth with more underground runners than most other varieties. One of the most satisfactory Bents for Southern California. 1 lb. \$1.70; 5 lbs. \$8.50.

DICHONDRA

A somewhat clover-like, creeping plant. Low growing, deep green color and needs cutting only two or three times a year. Makes a beautiful lawn in sun or shade. 1 lb. \$12.00; ¼ lb. \$3.50; pkt. 75c. Postpaid.

Best-Yet: DICHONDRA WITH WHITE CLOVER—For a permanent, easy-to-take-care-of lawn. Packed in the E-Z Planter-Kan for easy sowing. 7½ oz. (for 500 sq. ft.) \$2.25; 22½-oz. (for 1500 sq. ft.) \$5.95. Please add 15c per 7½-oz. can or 25c per 22½-oz. can for packing and postage.



WHITE CLOVER

A dwarf variety of clover particularly adapted to use in lawns. Germinates very quickly and shades the slower germinating grass seeds. Also gives body to the new lawn while the grass is becoming thoroughly established. 1 lb. \$1.20; 5 lbs. \$5.75; 10 lbs. \$11.00. Write for quantity prices.

OTHER GRASSES

Perennial Rye Grass—1 lb. 40c; 10 lbs. \$3.50. Italian Rye Grass (Domestic)—1 lb. 30c; 10 lbs. \$2.50.

Red Top—1 lb. \$1.00; 10 lbs. \$9.50.

Chewing's Fescue—1 lb. \$1.40; 10 lbs. \$13.50.

Meadow Fescue—1 lb. 60c; 10 lbs. \$5.50.

Bermuda—1 lb. 85c; 10 lbs. \$8.00.

ALL AGGEALER & MUSSER LAWN GRASS SEEDS are available in Southern California from your dealer or nursery. If more convenient order direct from us at 5c per pound for packing and postage.

A&M DAHLIAS

Dahlia bulbs are available March 1st to May 15th. A bulletin on Dahlia culture will be mailed free upon request and will be included with each order of Dahlias. Order your Dahlias early and they will be sent at the proper time for planting.

Abbreviations: ID—Informal Decorative; FD—Formal Decorative; SC—Semi-Cactus; C—Cactus.

A&M DECORATIVE DAHLIAS

The Decorative type of Dahlia is a large double flower, full to the center. Broad, flat petals with broad points or rounded tips.

- 4 Aglow (ID)—Amber and Scarlet.
- 2 Alice May (ID)—Giant pure white.
- 3 Avalon (FD)—Large clear canary yellow. One of the easiest giants to grow.
- 6 Azura (ID)—Huge clear lilac.
- 10 Ballegos Glory (FD)—Mahogany and gold.
- 1 Blue River (FD)—The largest blue Dahlia.
- 7 Cherokee Brave (ID)—Huge bright red.
- 5 Clara Carder (ID)—Cyclamen pink.
- 11 Clariam Kelton (ID)—Red and yellow.
- 21 Chas. L. Mastick (FD)—Orange and bronze.
- 14 Croyden Chief (ID)—Large deep pink.
- 8 Croyden Glory (ID)—Giant lemon yellow.
- 16 Dixie Winedot (ID)—Wavy petals flecked rose.
- 9 Jane Cowl (ID)—Bronze and old gold shading to a glistening apricot center.
- 17 Mother Koenig (ID)—Shrimp and yellow.
- 13 Mrs. G. LeBoutillier (ID)—Huge brilliant red.
- 12 Pink Giant (ID)—Huge tyrian pink.
- 18 Royal Pennant (FD)—Royal rich purple.
- 19 The Universe (ID)—Dark ruffled red.
- 20 Thomas Edison (FD)—Rich royal purple.
- 15 Wind Lassie (ID)—Large glistening white.

All above priced at 60c each; 3 for \$1.70;
6 for \$3.30; 12 for \$6.50. Postpaid.

A&M POMPON DAHLIAS

These are the babies in the Dahlia world. Pretty, compact, ball shaped flowers are borne on long, stiff stems holding the blossoms upright and making a most wonderful display of color in the garden. They are very fine for house decoration and flowers will hold up a long time in water without boiling or burning the stems. No garden in California should be without Pompons. They are so different and so dainty.

- 44 Arthur Kerley—Deep ruby red.
- 45 Bantam—Small bright scarlet.
- 46 Betty Ann—Clear rich pink.

- 50 Joe Fette—Florist white.
- 47 Mary Munns—Pure lavender.
- 43 Regent—Silvery purple.
- 48 Yellow Gem—Pure yellow.

All priced at 50c each; 3 for \$1.40;
6 for \$2.70; 12 for \$5.25. Postpaid

CACTUS and SEMI-CACTUS

The true Cactus type flowers are fully double, petals long, narrow, incurved or twisted, with sharp, divided or fluted points. The Hybrid Cactus type flowers are fully double but the petals are shorter than those of the true Cactus type and are broader and more flat, though recurved and twisted. The stems of this type are usually strong and the plants prolific bloomers.

- 25 Figaro (C)—Yellow with red penciling.
- 26 Jane Lausche (SC)—Large mauve tipped with white.
- 27 Mme. Juissant (C)—Silvery violet.
- 31 Mother Belliego (C)—Rich scarlet.
- 29 Mustang (C)—Huge clear pink.
- 28 Thistledown (C)—Pure white.

All priced at 75c each; 3 for \$2.00. Postpaid

A&M MINIATURE DAHLIAS

These fascinating and dainty little Dahlias are rapidly growing in favor as they are more adaptable to home decoration than the large flowered types and are not so formal as the pompons. If you have not yet grown any of these we suggest that you try a few as we know that you will be delighted with them.

- 35 Baby Fonteneau—A miniature informal decorative of bright rose.
- 36 Fairy (ID)—Lavender pink.
- 40 I K E (FD)—Rich ruby red.
- 38 Little Red Bird (B)—Bright scarlet.
- 39 Queen of Yellows—Deep yellow ball that is a standout in the garden.
- 41 Waite's Min. Jersey Beauty (FD)—Rose pink.

All priced at 50c each; 3 for \$1.40;
6 for \$2.70; 12 for \$5.25. Postpaid

TUBEROUS BEGONIAS

On Sale January 15th to May

These flowers with their brilliant colors and ornamental foliage are almost indispensable for the summer garden. For outside beds, plant in a shady or semi-shady location. Any well-drained soil with ample humus and fertility is suitable. Plant tubers 1 to 1½ inches deep, with rounded side down, preferably in a raised bed. For pot culture, use a mixture of one part steer manure to two parts soil and one part leaf mold. Use a 6-inch pot for each bulb. Give plenty of light but not direct sun. Keep damp at all times.

Double (Camellia Flowered)—Huge camellia shaped blooms. Colors: Crimson, Pink, Orange, Rose, Salmon, Scarlet, White, Yellow.

Picotee Double—Beautiful camellia shaped blooms with edges of petals picoteed in a different shade of color. Mixed colors only.

Carnation Flowered (Double Frilled)—Large double flowers resembling carnations in form. Colors: Rose, Scarlet, White, Yellow.

Double Hanging Basket—A pendulous variety with up to a hundred double flowers to a plant. Splendid for hanging baskets or pots. Colors: Rose, White, Scarlet, Yellow.

All Varieties Large Tubers
30c each; \$3.25 dozen. Postpaid

3 Gladiolus Collections

- Margaret Fulton
- Candyheart
- Commander Koehl
- Van Konyenburg
- Blue Beauty
- King Lear
- Spotlight
- Snow Princess

8 POPULAR GLADIOLUS
1 each 85c
2 each \$1.65
3 each \$2.40

- Pelegrina
- Chamouny
- Margaret Beaton
- Yellow Herald
- Rosa Van Lima
- Barcarolle
- Red Charm
- Fair Angel
- Elizabeth the Queen
- Picardy

10 FAVORITE GLADIOLUS
1 each 85c
3 each \$2.40
6 each \$4.35

- Black Opal
- Marie Antoinette
- Spic & Span
- Cover Girl
- Florence Nightingale
- Pactolus

6 A&M Exhibition GLADIOLUS
Prize-winning
Newer Introductions
1 each 85c
2 each \$1.65
3 each \$2.40

15c each; 2 for 25c; \$1.25 dozen; \$8.50 per 100

Barcarolle—Ruffled clear light orange.
Candy Heart—Apricot pink, red throat.
Commander Koehl—Rich deep toned scarlet.
J. Van Konyenburg—Very large garnet red.
Pelegrina—Pure dark violet blue. Truly a beauty.

Red Charm—Large rich red. Tall.
Spotlight—Deep yellow, scarlet throat.
Yellow Herald—Rich ruffled golden yellow.
A&M Extra Choice Mixed—A splendid mixture of large bulbs. 90c dozen; 25 for \$1.65; \$6.45 per 100.

20c each; 2 for 35c; \$1.75 dozen; \$12.25 per 100

Black Opal—Huge black red.
Cover Girl—Tall bright pink.
Florence Nightingale—Graceful satiny white.
Marie Antoinette—Salmon with red blotch.
Pactolus—Apricot yellow with orange red blotch.
Spic & Span—Ruffled salmon pink.

A&M Superfine GLADIOLI

25 OF ANY VARIETY AT THE 100 RATE — AVAILABLE DECEMBER TO MAY

Gladioli may be planted at any time the bulbs are available in Southern California, although February to May is the most suitable time. Plant the bulbs in a sunny location, 3 inches deep and 4 to 6 inches apart in rows 2 feet apart, or they may be planted in groups and borders. Gladioli require plenty of water and should be watered copiously at least once a week until after the blooms have gone. To have a long blooming season bulbs should be planted in succession, making plantings about two weeks apart. Large No. 1 bulbs.

10c each; \$1.00 dozen; \$7.50 per 100

Blue Beauty—Large lavender blue. Throat deep crimson.

Chamouny—Very fine spikes of true bright rose.

Elizabeth the Queen—Clear ruffled lavender.

Ethel Cave Cole—Large exhibition pink.

Fair Angel—Large ruffled creamy white.

King Lear—Rich coloring of velvety, peony purple.

Margaret Beaton—Pure white, with scarlet throat.

Margaret Fulton—Rich, deep salmon.

Picardy—Large delicate apricot.

Rosa Van Lima—Tall, beautiful light pink.

Snow Princess—Large pure white.

A&M Reliable VEGETABLE SEEDS

**BUY A&M RELIABLE SEEDS and be assured
of the right start for YOUR garden.**

EXCEPT WHERE NOTED ALL PRICES ON VEGETABLE SEEDS AND ROOTS INCLUDE DELIVERY BY MAIL IN U.S.A.

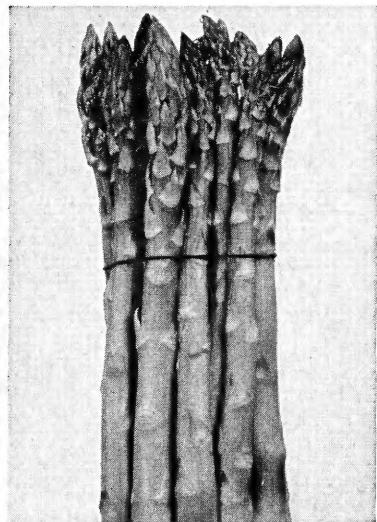
OFFICIAL DISCLAIMER CLAUSE—"The Aggeler & Musser Seed Company gives no warranty, express or implied, as to the productiveness of any seeds or bulbs it sells and will not be in any way responsible for the crop. Our liability, in all instances is limited to the purchase price of the seeds, bulbs and/or plants."

ARTICHOKE

1 oz. seed to 450 plants; 12 oz. to acre, planted 2 x 4 feet, 5445 plants.

Culture—Sow seed Oct. to Jan., giving plants protection until danger of frost is past. Transplant in rows 4 feet apart by 2 feet in the row.

10 Large Green Globe—Most popular garden type, producing large green edible buds. Broad and full at base. Pkt. 10c; 1 oz. 80c; 1/4 lb. \$2.65; lb. \$8.00.



ASPARAGUS

ASPARAGUS

1 oz. seed to 250 plants; 4 lbs. seed to acre.

Culture—Plant seed during Feb. or March. Thin to 2 inches. Transplant following February in furrows 10 to 12 inches deep, setting roots 1 foot apart in furrows and 2 feet apart between rows for home culture, and 2x4 to 5 feet for field culture. Cover roots 3 inches and as they grow throw soil toward the plant. Do not cut asparagus the first year.

13 Mary Washington—Early rust resistant strain producing a heavy yield of large, deep green sprouts with tightly folded tips. Pkt. 15c; oz. 25c; 1/4 lb. 80c; lb. \$2.50.

14 Number 500—An improved Mary Washington type from the College of Agriculture at Davis. It is large, early and resistant to rust. Pkt. 15c; oz. 50c; 1/4 lb. \$1.65; lb. \$5.00.

12 Paradise—Has the same deliciously mild flavor as Mary Washington, is also early and resistant to rust, but is a much heavier yielder. Pkt. 15c; oz. 40c; 1/4 lb. \$1.35; lb. \$4.00.

ASPARAGUS ROOTS

(Available January 1 to March 15)

Culture—When planting see that roots are well spread out, so that the soil will touch every part.

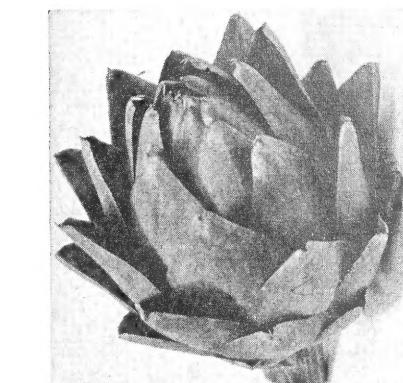
Mary Washington—10 for 75c; 25 for \$1.75; 100 for \$5.25.

Paradise—10 for 75c; 25 for \$1.75; 100 for \$5.25.

Write for quantity prices.

A&M BEANS

Culture—Seed for 50 feet, 1/2 lb. Per acre bush beans, 40 lbs.; pole beans, 30 lbs. For home garden plant 4 inches apart in rows 20 inches apart. When well up thin to 1 foot. For field culture row 24 to 36 inches apart and 6 inches



ARTICHOKE, LARGE GREEN GLOBE

BUSH BEANS, GREEN POD

Write for quantity prices.

29 Stringless Greenpod—52 to 53 days. Pods are 6 inches long, round, medium green, meaty, stringless and tender. **Large pkt. 10c; 5 oz. 30c; 1 lb. 75c; 10 lbs. \$6.00.**

20 Canadian Wonder—68 days. An excellent late variety. Plant September to November. **Large pkt. 10c; 5 oz. 30c; 1 lb. 75c; 10 lbs. \$6.00.**

21 Dwarf Horticultural (Speckled Cranberry)—Used as a snap or shell bean. Pods 5 inches long are green at early or snap stage, turning greenish yellow later, splashed with carmine at maturity. **Large pkt. 10c; 5 oz. 30c; 1 lb. 75c; 10 lbs. \$6.00.**

24 Full Measure—52 to 53 days. A splendid early bean, desirable for market garden and canning. Pods 6 inches long, round, straight and fleshy, medium green, brittle and stringless. **Large pkt. 10c; 5 oz. 30c; 1 lb. 75c; 10 lbs. \$6.00.**

22 Plentiful—49 days. Pods 7 1/2 inches long, straight, tender and stringless. **Large pkt. 10c; 5 oz. 30c; 1 lb. 75c; 10 lbs. \$6.00.**

28 Six Weeks (Bountiful)—49 days. Plants are large and thrifty. Pods 6 inches long, flat medium green, stringless, slightly fibrous. Plant Feb. to March, also Sept. and Oct. **Large pkt. 10c; 5 oz. 30c; 1 lb. 75c; 10 lbs. \$6.00.**

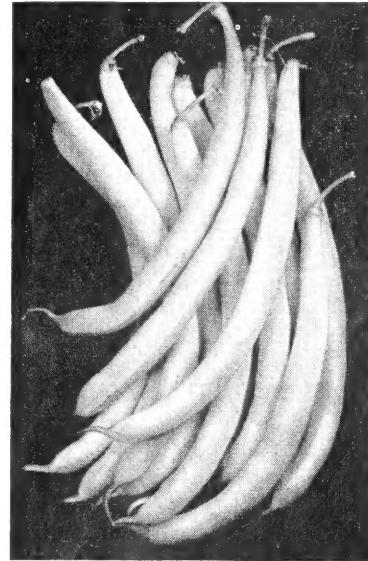
30 Tendergreen—56 days. Dark green pods 6 to 6 1/2 inches long, round, smooth, extremely meaty, straight to slightly curved and of delicious flavor. Absolutely stringless and free from fibre. **Large pkt. 10c; 5 oz. 30c; 1 lb. 75c; 10 lbs. \$6.00.**

Broad Windsor (Faba Bean)—Cook same as Lima Beans. For description see page 49. **Lb. 50c; 10 lbs. \$4.50.**

MARKET GROWERS

Please write for special quantity quotations on **Black Valentine, Black Valentine Stringless, Blue Lake—White or Black Seeded, and Kentucky Wonder No. 191.**

apart for bush and 12 inches for pole varieties in the row. Cover 2 inches deep. Be careful not to plant in soil that is too wet, nor irrigate immediately after planting, as there is danger of the seed rotting. Always irrigate your beans, never sprinkle.



GOLDEN WAX BEAN

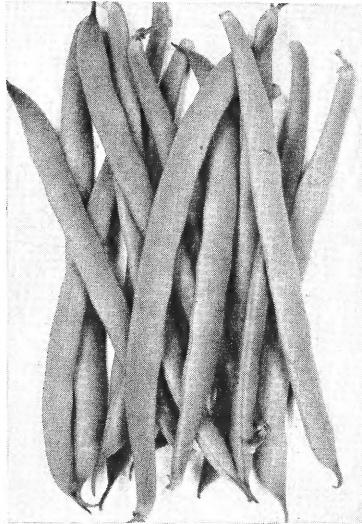
BUSH BEANS, YELLOW POD

Write for quantity prices.

25 Golden Wax—49 days. Plants small, erect, productive and disease resistant. Pods 4 to 5 inches long, flat, straight, thick, fleshy golden yellow. Plant April to August. **Large pkt. 10c; 5 oz. 30c; 1 lb. 75c; 10 lbs. \$6.00.**

26 Improved Butter Wax—52 days. Also known as Round Podded Kidney Wax, Brittle Wax. Plants erect, medium large, vigorous, productive. Pods round, medium yellow, 5 1/2 to 6 inches long, very fleshy, stringless and without fibre, and of highest quality. Plant April to July. **Large pkt. 10c; 5 oz. 30c; 1 lb. 75c.**

27 Prolific Black Wax Improved—52 days. Pods 6 inches long, round, deep yellow, somewhat curved, brittle, fleshy, stringless and tender. **Large pkt. 10c; 5 oz. 30c; 1 lb. 75c; 10 lbs. \$6.00.**



KENTUCKY WONDER BEAN

POLE BEANS

33 **Blue Lake**—64 days. A favorite for canning or freezing. Pods medium green, 5-6 inches long, oval. Stringless when young and an excellent snap bean. **Pkt. 10c; 5 oz. 30c; lb. 75c.**

42 **Kentucky Wonder Special Rust Resistant White Seeded**—53 days. An A & M introduction. is a more rust resistant variety than any other bean. We recommend this bean be staked for best results as it produces a very prolific vine growth. Beans long, attaining 10 inches in length. A heavy cropper. **Large pkt. 10c; 5 oz. 30c; lb. 75c; 10 lbs. \$6.00.**

37 **Kentucky Wonder**—65 days. The most popular pole bean, vigorous and very productive. Is a good climber and hardy. Bears over a long season, 7½ to 8½ inches long, meaty, slightly stringy but fiberless and of excellent quality. Seeds are brown. **Large pkt. 10c; 5 oz. 30c; lb. 75c; 10 lbs. \$6.00.**

38 **Kentucky Wonder White Seeded**—64 days. Pods are dark green, round, 6½ to 7 inches long, tender and stringless without fibre. Good for dry shell or snap beans. **Large pkt. 10c; 5 oz. 30c; lb. 75c; 10 lbs. \$6.00.**

40 **Kentucky Wonder Rust Resistant White**—55 days. Similar to regular White Seeded Kentucky Wonder but resistant to rust. **Large pkt. 10c; 5 oz. 30c; lb. 75c; 10 lbs. \$6.00.**

39 **Kentucky Wonder Rust Resistant Brown**—65 days. Similar to regular Brown Seeded Kentucky Wonder but also resistant to rust. **Large pkt. 10c; 5 oz. 30c; lb. 75c; 10 lbs. \$6.00.**

36 **Horticultural Pole (Cranberry)**—70 days. Pods are 6 inches long, green at first but maturing to yellowish green splashed with carmine. **Large pkt. 10c; 5 oz. 30c; lb. 75c; 10 lbs. \$6.00.**

35 **Celestial (Yard Long)**—75 days. Planted chiefly for ornamental purposes. Pods 18 to 20 inches, slender, oval, light green, tender, fiberless, slightly stringy, but good if used young. **Pkt. 10c; oz. 20c.**

44 **Spanish Giant**—Tender round pods 8 to 9 inches long and ½ to ¾ inch thick. Vines attain a height of 8 feet and must be poled. Enormous yield. **Large pkt. 10c; 5 oz. 30c; lb. 75c.**

43 **Scarlet Runner**—90 days. Mostly grown for its attractive flower clusters. The shelled beans are quite palatable and serve the same purpose as shelled lima beans. **Large pkt. 10c; 5 oz. 30c; lb. 80c; 10 lbs. \$7.00.**

POLE BEANS, WAX POD VARIETIES

41 **Kentucky Wonder Wax**—68 days. The most popular wax podded pole sort; pods waxy yellow, almost stringless, meaty but somewhat fibrous. Is similar to the green Kentucky except that the pods are broader and often run 8 to 10 inches long. **Large pkt. 10c; 5 oz. 30c; lb. 75c; 10 lbs. \$6.00.**

A&M COMMERCIAL BEANS

Prices except as noted: lb. 40c; 10 lbs. \$3.50

Write for quantity prices.

Mung—Used for bean sprouts. **Lb. 55c; 10 lbs. \$5.00.**

Yellow Soy—Edible. Use green or dry.

Pink—An old-time favorite.

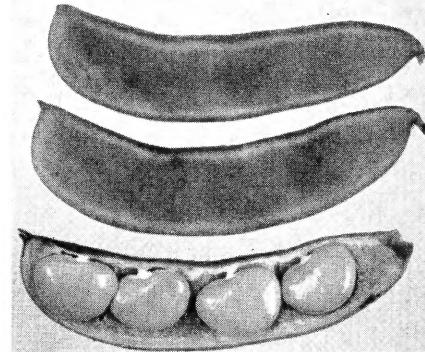
All Aggeler & Musser Packet Seeds are now New Method Double Treated to promote better germination, resistance to damping off and more sturdy growth. Look for this Trademark on the packets.



A&M POLE LIMA BEANS

49 **Pole Fordhook**—Combines the distinctive qualities of Fordhook Bush Lima with an enormous yield surpassing the heavy production of other pole limas. The lustrous green glossy pods contain 4 to 5, sometimes 6 big thick beans of green color. Pods straight, 5 to 6 inches long, 1½ inches wide, fully ¾ of an inch thick, and grow 4 to 8 in a cluster. **Large pkt. 10c; 5 oz. 30c; lb. 75c; 10 lbs. \$6.50.**

54 **King of the Garden**—88 days. The pods are large, 5 to 6 inches long, and are broad and flat and usually have 4 to 5 beans of first quality. **Large pkt. 10c; 5 oz. 30c; lb. 75c; 10 lbs. \$6.50.**



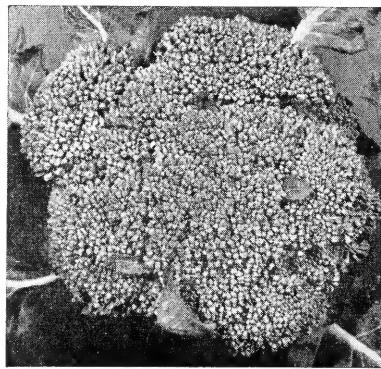
FORDHOOK FOURSOME LIMA BEAN

A&M BUSH LIMA BEANS

Write for quantity prices.

½ lb. seed to 50 ft. of row; 35 to 50 lbs. to acre. **Culture**—Plant in rows or hills. When in rows plant 2 to 3 feet apart, covering 1½ to 2 inches deep. In hills 2 to 3 feet apart one way and 2 to 2½ the other, dropping 4 to 6 beans to a hill. Lima beans are gross feeders and should be fertilized for best results.

46 **Foursome Fordhook Bush Lima**—77 days. A new A&M introduction. Strong grower and heavy yielder with dark green vine and straight, thick meated pod about 5 inches long, usually containing 4 beans. Pods borne in clusters. Owing to the dark color and thickness of the pods, they keep their fresh appearance and flavor longer than other lima beans after picking. **Large pkt. 10c; 5 oz. 30c; lb. 75c; 10 lbs. \$6.50.**



BROCCOLI

50 **Burpee Improved Bush Lima**—75 days. Produces a vigorous productive plant. Pods are large, about 5 inches long, thick and usually contain 4 flat beans. **Large pkt. 10c; 5 oz. 30c; lb. 75c; 10 lbs. \$6.50.**

52 **Henderson Bush (Baby Lima)**—67 days. An early sort producing flat pods about 3 inches long, containing 2 to 4 beans of good quality. Sets well in the interior valleys where the larger seeded varieties fail to set pods. **Large pkt. 10c; 5 oz. 30c; lb. 75c; 10 lbs. \$6.50.**

53 **Monstrous Lima**—80 days. Plant 6 by 6 feet, leaving one stalk in each hill. By pruning back withered foliage you can make these plants perennial, harvesting 3 crops annually. Prune twice a year, irrigate and fertilize. **Large pkt. 10c; ¼ lb. 35c; lb. \$1.00.**

BROCCOLI

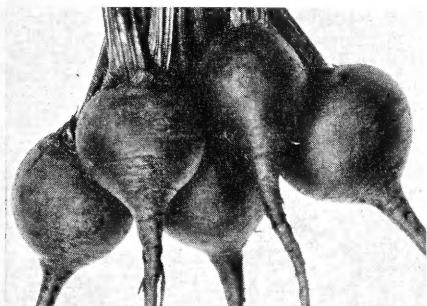
1 oz. seed to 5,000 plants; ¼ oz. to 100 foot row; 5 oz. seed for plants for acre; plant 18 to 24 inches in row and 24 to 40 inches between rows. Ready for cutting 95-100 days.

76 **Italian Green Sprouting**—Sown in seed bed and transplanted same as cauliflower. Plant from July to October. Forms sprouts about 6 inches long and produces heads of deep green buds, which should be cut before opening in yellow blossoms. After sprouts are cut they will be replaced by others, keeping you supplied from 8 to 10 weeks. **Pkt. 15c; oz. 50c; ¼ lb. \$1.50; lb. \$4.00.**

MARKET GROWERS—Special attention is called to following excellent varieties: Beets, Early Wonder and Early Wonder Green Top. Write for quantity prices.

A&M TABLE BEETS

Culture—1 oz. seed to 100 foot row; 8 to 15 lbs. per acre. Sow seed in double rows 18 to 24 inches apart, covering the seed to a depth of 1 inch. Thin from 2 to 4 inches apart. Beets are best when about 2 inches in diameter. For spring crop plant during February and March and for fall crop plant August to September.



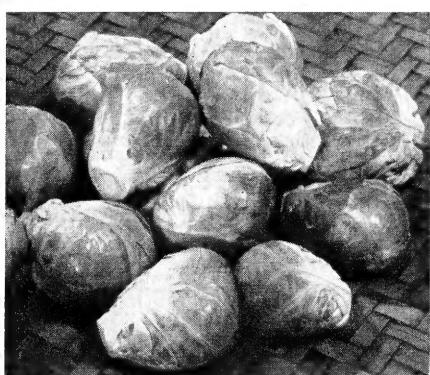
EARLY WONDER BEET

60 Detroit Dark Red—60 to 65 days. This is the outstanding sort. Tops are uniform, medium dark green, slender, erect. Roots globe shaped, symmetrical, dark blood red with small tap root. Retains its quality until full grown. **Pkt. 15c; oz. 25c; 1/4 lb. 60c; lb. \$1.75.**

65 Early Wonder Green Top—Same as Early Wonder but tops are slightly taller and a bright green which does not turn red or brown. **Pkt. 15c; oz. 25c; 1/4 lb. 60c; lb. \$1.75.**

63 Early Flat Egyptian—50 to 55 days. Tops medium and upright, roots flattened with long slender tap root. Flesh bright red with lighter zones. **Pkt. 15c; oz. 25c; 1/4 lb. 60c; lb. \$1.75.**

64 Early Wonder—55 to 60 days. Tops medium, erect with small collar or crown. Roots flattened globe with small tap root. Color purplish red with zones of lighter hue. Tender and of good quality. **Pkt. 15c; oz. 25c; 1/4 lb. 60c; lb. \$1.75.**



BRUSSEL SPROUTS

BRUSSELS SPROUTS

79 Medium Dwarf—The flavor of small sprouts or heads is more delicate than that of cabbage. The plants are of dwarf, robust habit and thickly covered with the small compact heads. The culture is the same as for cabbage. Plants mature in 100 days. **Pkt. 15c; oz. 50c; 1/4 lb. \$1.65; lb. \$5.00.**

61 Early Blood Turnip—60 days. A medium early variety. Roots smooth. Tops medium but somewhat coarse. Flesh deep red with purplish red zones. **Pkt. 15c; oz. 25c; 1/4 lb. 60c; lb. \$1.75.**

62 Early Crosby—58 days. Tops medium with small collar. Roots flattened globe shape. Has small tap root. The flesh is deep purplish red with zones of a lighter shade. **Pkt. 15c; oz. 25c; 1/4 lb. 60c; lb. \$1.75.**

MARKET GROWERS

Please note following varieties adapted to this locality: Cabbage: Copenhagen Market, Golden Acre, Red Rock, Swiss Chard: Lucullus. Write for quantity prices.

A&M STOCK BEETS

Culture—Seed should be 1 inch apart in rows 2 1/2 feet apart, and covered to a depth of 1 1/2 inches. Thin to 10 inches when about 3 inches high. It requires 8 lbs. of Mangel or 10 lbs. of Sugar Beets to plant an acre.

67 Golden Tankard—Flesh yellow with zones. **Pkt. 15c; oz. 25c; 1/4 lb. 60c; lb. \$1.75.**

68 Half Sugar Rose—High sugar content. Excellent for fattening hogs. **Pkt. 15c; oz. 25c; 1/4 lb. 60c; lb. \$1.75.**

70 Long Red Mangel—Light red, flesh white tinged rose. **Pkt. 15c; oz. 25c; 1/4 lb. 60c; lb. \$1.75.**

69 Klein Wanzleben—Most desirable for sugar manufacture, also valuable for stock feed. **Pkt. 15c; oz. 25c; 1/4 lb. 60c; lb. \$1.75.**

A&M CABBAGE

Culture—2 pkts. to 50 foot row; 4 oz. to acre; 1 oz. seed to 4,000 plants. Sow the seed in a well prepared seed bed in drills 8 inches apart, covering to a depth of about 1/2 inch, pressing the soil firmly over the seed. Transplant in rows 3 feet apart and 1 to 1 1/2 feet for the small headed sorts, and 1 1/2 to 2 feet apart in the row for the larger headed sorts. For fall and winter cabbage



COPENHAGEN
MARKET
CABBAGE

85 Golden Acre—62 to 64 days. Especially valuable for early market and shipping. Smaller but earlier than Copenhagen Market. The plants are short stemmed and compact with uniform round heads 6 to 7 inches in diameter and weigh 3 to 3 1/2 pounds. **Pkt. 10c; oz. 30c; 1/4 lb. \$1.00; lb. \$3.00.**

81 Copenhagen Market—70 to 75 days. An excellent early variety. The plants are compact and very uniform and permit close planting. **Pkt. 10c; oz. 30c; 1/4 lb. \$1.00; lb. \$3.00.**

80 Danish Ballhead (Cannonball)—110 to 120 days. Plants are medium size with short stems and large flat globe-shaped heads, 8 to 9 inches across and 6 to 7 inches deep, weighing 7 to 9 lbs. Very firm, solid, and of good quality and a good keeper. **Pkt. 10c; oz. 30c; 1/4 lb. \$1.00; lb. \$3.00.**

82 Drumhead Savoy—85 to 90 days. Heads nearly round, medium large, firm. Leaves large, closely crimped, of dark bluish green color. **Pkt. 10c; oz. 35c; 1/4 lb. \$1.20; lb. \$3.50.**

83 Early Flat Dutch—70 to 75 days. Plants small and compact, short stemmed. Uniform heading, producing solid, heavy, medium flat heads weighing 6 to 7 pounds. **Pkt. 10c; oz. 30c; 1/4 lb. \$1.00; lb. \$3.00.**

89 Early Winnigstadt—75 to 80 days. A hardy, vigorous grower with pointed head, short stem and a dependable header. **Pkt. 10c; oz. 30c; 1/4 lb. \$1.00; lb. \$3.00.**

87 Late Flat Dutch—105 days. Heads large, flat but deep, firm, and of good quality attaining 12 to 14 inches across and 7 inches deep. **Pkt. 10c; oz. 30c; 1/4 lb. \$1.00; lb. \$3.00.**

88 Red Rock—80 to 85 days. Heads solid, round and of deep red color. Excellent for slaw and pickling. Weight about 3 to 5 lbs. **Pkt. 10c; oz. 35c; 1/4 lb. \$1.20; lb. \$3.50.**

90 Chinese Cabbage Wong Bok—80 days. The heads are 8 to 10 inches tall, solid, crisp, and tender, and are ideal for salads. Sow seed from Sept. to Feb. in rows 24 inches apart and thin to 10 inches apart in the rows. **Pkt. 10c; oz. 25c; 1/4 lb. 85c; lb. \$2.50.**



CHINESE CABBAGE

A&M CARROTS

Culture— $\frac{1}{2}$ oz. to 50 foot row; 3 to 5 lbs. to acre. Plant in double rows, 18 to 24 inches apart, covering the seed to a depth of $\frac{1}{2}$ to 1 inch, pressing the soil firmly down over the seeds. Carrots can be planted all year, however, February is a good month for spring crop and August for fall.

95 **Chantenay**—70 days. Roots reddish orange, $\frac{5}{8}$ to 6 inches long, and $2\frac{1}{4}$ inches thick, tapered, and stump rooted with a deep orange flesh. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$2.60.

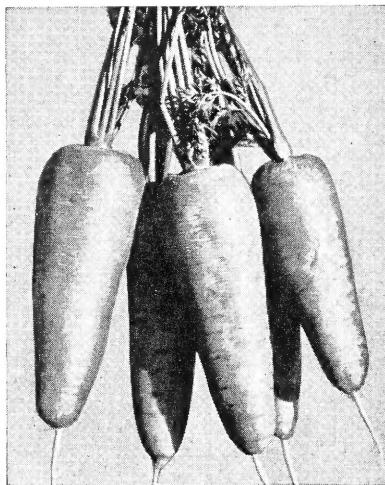
93 **Chantenay Red Cored**—70 days. An improved strain similar to Chantenay but with deeper reddish orange flesh and the core almost the same color making it appear coreless. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$2.60.

96 **Danvers Half Long**—75 days. Very productive. Roots deep orange, 6 to 7 inches long, $1\frac{3}{4}$ inches thick, uniformly tapered to a blunt end. Flesh is bright orange, crisp, and tender. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$2.60.

97 **Early French Forcing**—60 days. Early. Tops very small, roots almost round, reddish orange, flesh crisp and of excellent quality. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$2.60.

100 **Imperator**—78 days. A bunching variety extensively used in the carrot growing districts. Tops are medium. Roots 8 to 10 inches long and $1\frac{1}{2}$ to $2\frac{1}{4}$ inches at shoulder, smooth, deep rich orange, uniformly tapered to a semi-blunt end. Flesh richly orange with indistinct core, excellent quality. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$2.60.

101 **Imperator Long Type**—Specially developed for bunching. Tops medium, abundant and strong. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$2.60.



RED CORED CHANTENAY CARROTS

98 **Improved Long Orange**—87 days. A heavy cropping sort adapted to light soils, extensively grown for stock. Roots scarlet orange, tapered, with a slight shaded core. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$2.60.

99 **Oxheart**—75 days. The most desirable for heavy soils. Roots $4\frac{1}{4}$ to 5 inches long and $3\frac{1}{2}$ inches at shoulder, tapering to a stump root. It is of high quality and very productive, easily harvested. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$2.60.

102 **Half Long White Belgian**—90 to 100 days. One of the best field carrots grown extensively for stock. Roots 8 to 10 inches long and 2 to 3 inches at shoulder. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$2.60.

103 **Long Yellow Belgian**—90 to 100 days. Similar to the White Belgian except for color, which is pale yellow with green shoulder. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$2.60.

MARKET GROWERS

Carrots: Chantenay Red Cored, Imperator and Imperator Long types are suitable commercial sorts.

Write for quantity prices.

A&M SWISS CHARD

Culture—1 oz. seed to 50 feet; thin to 8 inches apart. Grown for greens, the large outer leaves being picked from time to time. Planted early in the spring the plants will have a long bearing season. The soil requirements and culture are the same as for beets.

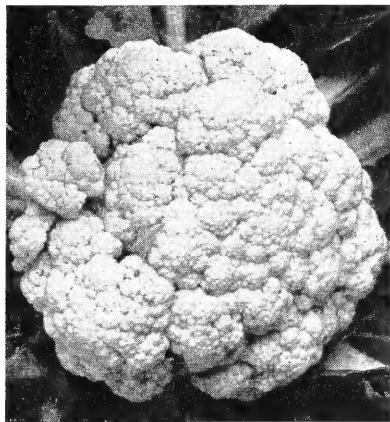
74 **Large Ribbed White**—Best for table use and also for poultry. The leaves are smooth, dark green. Has large white mid rib that can be served as asparagus. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

73 **Lucullus**—50 to 55 days. Leaves grow to a height of about 24 inches, are large, upright. The mid rib or center stem is fine and light green. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

75 **Rhubarb Chard**—A double purpose plant as it is as delicious to eat as it is handsome to look at. Stalks and veins are bright crimson blending to dark green. Crumpled leaves. Pkt. 15c; oz. 25c; $\frac{1}{4}$ lb. 80c; lb. \$2.50.

A&M CAULIFLOWER

Culture— $\frac{1}{4}$ oz. seed for 50-foot row; 4 oz. per acre; 1 oz. seed to 4,000 plants. The crop prefers a rich loam even to a heavy adobe but will thrive on most California soils. Cauliflower is a rank feeder. It does best where the temperature does not get too high, therefore the coastal sections are well adapted to this crop. Seed of the early varieties is planted from April to July and of the late varieties from June to September. Always keep your seedbed well cultivated and irrigated and if necessary fertilized with a complete plant food. Plant in rows 3 feet apart and 2 feet apart in the rows.



SNOWBALL CAULIFLOWER

Commercial Cauliflower varieties include California Pearl and its different types and A&M Snowball. Please write for quantity prices.

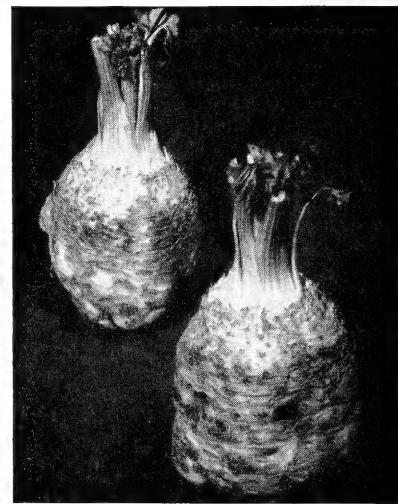
108 **Early Snowball 39**—55 days. The most widely used early variety. Produces exceptionally heavy pure white, thick curd with heavy leaf growth for curd protection. Sow seed in June in most areas. Good shipper. Pkt. 15c; $\frac{1}{4}$ oz. 65c; oz. \$2.00; $\frac{1}{4}$ lb. \$6.65; lb. \$20.00.

104 **Extra Early Snowball**—Same as above. Sow seed from April to July. Pkt. 15c; $\frac{1}{4}$ oz. 65c; oz. \$2.00; $\frac{1}{4}$ lb. \$6.65; lb. \$20.00.

105 **Early Pearl**—Similar to Medium Pearl but earlier. Should be planted in May in most areas for harvesting in October. Pkt. 15c; $\frac{1}{4}$ oz. 50c; oz. \$1.50; $\frac{1}{4}$ lb. \$5.00; lb. \$15.00.

106 **Medium Pearl**—An A&M introduction that has made California famous for shipping to all parts of the U.S. during December. Sow seed June 1 to Aug. 1 for succession. Self protecting. Pkt. 15c; $\frac{1}{4}$ oz. 50c; oz. \$1.50; $\frac{1}{4}$ lb. \$5.00; lb. \$15.00.

107 **Late Pearl**—Similar to above but suitable for planting during July for harvest in Jan. and Feb. Can be planted later for harvesting in March and April. Pkt. 15c; $\frac{1}{4}$ oz. 50c; oz. \$1.50; $\frac{1}{4}$ lb. \$5.00; lb. \$15.00.



SMOOTH PRAGUE CELERIAC

CELERIAC

Culture—Sow 1 pkt. to 50 foot row. Plant $\frac{1}{2}$ inch deep. The seed is sown at the same time and the same treatment required as for Celery. The roots and not the leaf stalks are the edible portion.

109 **Smooth Prague**—This is an improved variety producing large roots, almost globular, which are smooth. Pkt. 15c; oz. 85c; $\frac{1}{4}$ lb. \$2.80; lb. \$8.50.

A&M CELERY

Culture—Sow 1 pkt. to 50-foot row; 4 oz. required for seed bed for 5 acre; 1 oz. to 8,000 plants. Celery is slow to germinate, and requires abundant moisture. Seed should not be covered over $\frac{1}{4}$ inch. When seedlings have 3 or 4 leaves prick out to about 3 inches apart each way. Transplant to open ground when the plants are from 75 to 90 days old, spacing the plants 8 to 12 inches apart in rows 3 feet apart. For fall and winter use seed can be planted from Feb. to April.

115 C L Non-Bolting Utah Type—This new improved strain is a heavy producer of uniform, crisp, sweet, nut-flavored stalks. The eye-appealing light green colored stalks are solid, heavy and well proportioned with short tops. This is the best non-bolting strain we know of as it is a good shipper with excellent market acceptance, and owing to its uniform growth, is easily packed. Takes approximately 121 days from setting out plants to maturity. Pkt. 15c; oz. \$1.25; $\frac{1}{4}$ lb. \$4.00; lb. \$12.50.

114 Special Utah (Utah Grown)—A late fall variety. Produces plants of medium size, compact, solid; stalks are broad, thick and well rounded, stringless and unequaled for flavor. Very meaty, crisp and sweet. Is easily blanched, but is usually sold in the green state, which gives it an attractive appearance. Pkt. 15c; oz. \$1.50; $\frac{1}{4}$ lb. \$5.00; lb. \$15.00.

CHICORY

Culture—Sow $\frac{1}{2}$ oz. to 50-foot row; 4 to 5 lbs. per acre. Plant $\frac{1}{2}$ to 1 inch deep.

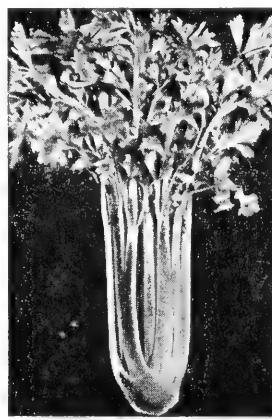
119 Asparagus (Radicetta)—Tops and tender flower shoots are used as greens or as substitute for asparagus. Pkt. 15c; oz. 70c; $\frac{1}{4}$ lb. \$2.30; lb. \$7.00.

117 Large Rooted (Coffee)—The roots, when dried, are used as a coffee substitute. Roots 12 to 14 inches long and 2 inches wide at top are tapered. Pkt. 15c; oz. 40c; $\frac{1}{4}$ lb. \$1.30; lb. \$4.00.

118 Witloof (French Endive)—Sow seed from May to July in rows 18 inches apart. Lift the roots in fall, trim the leaves. Plant the roots upright in damp sand in a trench 18 inches deep and cover with loose soil. New tops will grow 6 to 8 inches in length. The leaves are tender and have a slight bitter flavor. Pkt. 15c; oz. 45c; $\frac{1}{4}$ lb. \$1.50; lb. \$4.50.

CHIVES

120 Chives—A perennial plant of the onion family. Cultivated for its fine onion flavored leaves and used in salads and for flavoring soups and stews. Can be cut frequently. Pkt. 20c; $\frac{1}{4}$ oz. 35c; oz. \$1.00.



CELERY, UTAH

MARKET GROWERS—Please note special celery types. Utah California Grown, A&M Special Utah and CL Non-bolting. Write for quantity prices.

110 Utah (California Grown)—This is similar to the above in every respect except that it is grown in California. Pkt. 15c; oz. \$1.00; $\frac{1}{4}$ lb. \$3.25; lb. \$9.75.

111 Special Golden Self-Blanching Dwarf (California Grown)—The plants are 20 to 24 inches tall. The stalks are thick and solid, straight, ivory white, and crisp, and of fine nut-like flavor. Foliage is yellowish green turning to golden yellow. Pkt. 15c; oz. \$1.00; $\frac{1}{4}$ lb. \$3.25; lb. \$9.75.

112 Special Golden Self-Blanching Tall (California Grown)—Has a compact plant with close fitting stalks. Plants will average 20 to 30 inches tall. Blanches easily. Pkt. 15c; oz. \$1.00; $\frac{1}{4}$ lb. \$3.25; lb. \$9.75.

A&M SWEET CORN

Do not save your own seed from Hybrid varieties as it will not come true the second year.

Culture—Sow 4 oz. to 50-foot row; 10 to 14 lbs. per acre. Plant in rows or hills. If planted in rows space the rows 3 feet apart for the shorter varieties and further apart for the taller sorts. Drop the seed five to six to the foot and cover to a depth of 2 inches. Planting in hills drop 5 to 6 seeds per hill, spacing 3 feet each way. When the plants are 4 or 5 inches high thin to 8 to 12 inches in the row and in hills leave two of the healthiest plants. Do not plant corn in long single rows but plant several short rows together.



134 A&M T Strain Golden Cross Bantam—An exclusive A&M introduction. Edible in 88 days. Competitive trials of Golden Cross Bantam types have shown this strain to be outstanding in yield and quality. Produces deeper golden yellow and very sweet tender kernels on considerably larger ears. Remains fresh longer after picking, has light silk, tight husk and abundant streamers. Large pkt. 10c; 5 oz. 30c; lb. 85c; 10 lbs. \$6.50.

128 Golden Bantam—Edible in 80 days. Short, slim, superb quality ears. Dwarf in habit. Large pkt. 10c; 5 oz. 30c; lb. 50c; 10 lbs. \$4.50.

124 Black Mexican—Edible in 93 days. Deliciously sweet and tender; white kernels at eating stage. Pkt. 10c; 5 oz. 30c; lb. 70c; 10 lbs. \$4.50.

122 Iochief—An outstanding yellow hybrid. Long ears with 14 to 18 rows of deep, uniform kernels. Very superior flavor. Ideal for canning or market. Pkt. 10c; 5 oz. 30c; lb. 70c; 10 lbs. \$6.50.

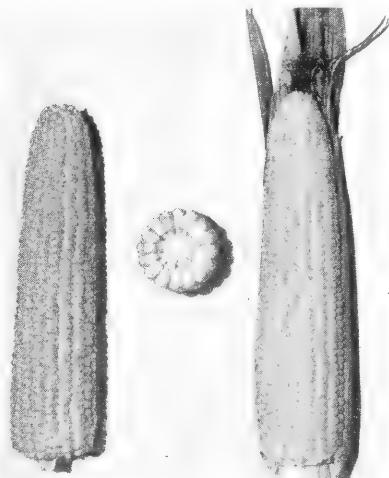
130 Oregon Evergreen—Edible in 103 days. The large size ears are of excellent quality with a tight husk. Seed may be planted from Feb. 15 to August 1 according to location. The standard white corn. Large pkt. 10c; 5 oz. 30c; lb. 50c; 10 lbs. \$4.50.

125 Country Gentleman—Edible in 110 days. Ears are 6 to 7 inches long with small deep white kernels. Large pkt. 10c; 5 oz. 30c; lb. 60c; 10 lbs. \$4.50.

POP CORN

135 White Hullless—Excellent quality white. Large pkt. 10c; lb. 50c; 10 lbs. \$4.50.

137 Hybrid Golden Pearl—Makes more volume when popped than any other variety we know. Very large yellow kernels, which when popped.



NEW CORN, IOCHIEF

have very little hull. The popped corn is large, fluffy, white with a wonderful flavor. Heavy yielder. Large pkt. 10c; $\frac{1}{2}$ lb. 40c; 1 lb. 70c; 10 lbs. \$6.50.

A&M SQUAW CORN

133 This is the corn which is used for decorative purposes. Nearly every ear has a different combination of colors, varying from black through shades of red and yellow, etc., to white. The ears are very effective when hung in bunches by the husks, or if the husks are removed, in bowls with ornamental gourds. Pkt. 10c; 5 oz. 30c; lb. 60c; 10 lbs. \$4.50.

MARKET GROWERS—Cash in on A&M T-Strain Golden Cross Bantam. Write for quantity prices on all corn.



SQUAW CORN

A&M CUCUMBERS

Culture—Plant $\frac{1}{2}$ oz. to 50-foot row; 2 lbs. to acre. Plant, as soon as danger of frost is past, in hills 3 by 4 feet apart, dropping 8 to 10 seeds to each hill. When the plants are 6 inches tall thin to three of the strongest to the hill. Keep vines picked close as vine will not bear when seed begins to mature.

FOR MARKET GROWERS
Cucumbers, Colorado
and Market are especially recommended. Please write for quantity prices.

142 Burpee Hybrid—Highly resistant to mosaic and downy mildew. Fruits are unequalled for size, shape, quantity and high quality. The vines are extremely vigorous, long lived and bear an abundance of well formed, cylindrical, green fruit 8 inches or more in length and $2\frac{1}{2}$ inches wide. Pkt. 30c; 2 pkts. 55c; $\frac{1}{2}$ oz. \$2.75; oz. \$4.75.

140 Chicago Pickling—59 days. Fruits 6 $\frac{1}{2}$ inches long and about $2\frac{1}{2}$ inches thick. Generally used when about 3 inches long. Pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.

145 Climbing—58 days. Used for its climbing qualities for covering trellises and fences. Color when ripe is deep russet covered with heavy netting. Very hardy, vigorous grower. Black spined, 7 to 8 inches long. Pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.

151 Colorado—60 days. Fruits 9 to 12 inches long. One of its outstanding qualities is that it does not taper, but is practically the same size from end to end. The color is dark green, making it specially attractive for display. The flesh is crisp and tender. Pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.

147 Lemon—65 days. A delicious novelty for use as a mild slicing sort or in salads. Produces heavily. Pkt. 15c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

143 Everbearing—55 days. A small early variety. Grows 6 to 7 inches long and about 3 inches thick. Pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.

COLLARDS

Culture— $\frac{1}{4}$ oz. seed sufficient for 50 foot row; 5 oz. to acre, transplant in rows 2 feet apart, and the rows $2\frac{1}{2}$ to 3 feet apart. Suitable to grow in sections where cabbage does not do well. Grows to a height of 2 to 3 feet, erect, spreading.

121 Southern Georgia—Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 45c; lb. \$1.25

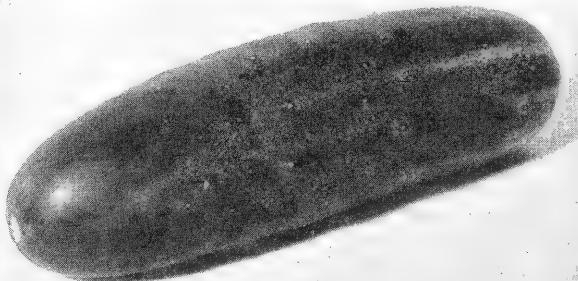
CRESS

138 Fine Curled or Pepper Grass—1 oz. to 50 foot row; 10 lbs. to acre. Pleasantly pungent. Used in salads and as a garnish. Pkt. 15c; oz. 25c; $\frac{1}{4}$ lb. 80c.

139 True Water—This is a variety with small oval leaves and thrives best when the roots are submerged in water. Pkt. 15c; oz. \$1.10; $\frac{1}{4}$ lb. \$3.65.

DANDELION

154 Improved Thick Leaved—60 days. Used the same as spinach. The bleached hearts are delicious in salads. Pkt. 10c; oz. 75c; $\frac{1}{4}$ lb. \$2.50; lb. \$8.00.



STRAIGHT EIGHT CUCUMBER

149 Special Long Green—62 days. The size and color make this an excellent long distance shipping cucumber. Color is deep green, which is retained for a long time after picking. 9 to 10 inches long. White spine. Pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.

153 Staygreen—52 days. A very productive early white spine variety which carries its extremely dark green color well into the mature stage. Rounded ends with a slight taper at the stem end. Length 8 inches. Pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.

148 Straight Eight—66 days. Rich deep green color and straight symmetrical shape. Very uniform, averaging 8 inches in length and $1\frac{1}{2}$ inches in diameter. Pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.

152 Market—65 days. This is an exceptionally fine market variety. The fruits are 8 inches long and $2\frac{1}{2}$ inches in diameter, straight and symmetrical, slightly tapered at the ends, very uniform, dark color. A vigorous grower and very prolific. The flesh is sweet and crisp. Pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.

144 Gherkin—55 days. Principally used for small pickles. Fruits pale green, oval, and covered with tender spine-like projections. Pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.

A&M EGG PLANT

Culture—1 pkt. to 50 feet; 4 to 6 ozs. per acre; 1 oz. to 2,000 plants. This plant, being semi-tropical, requires continued warm weather for best results. It is slow to germinate. Seed is sown in hot beds during December or January, transplanted when the plants are 2 inches tall in rows, spacing the plants 2 feet apart in the row and rows 3 feet apart.



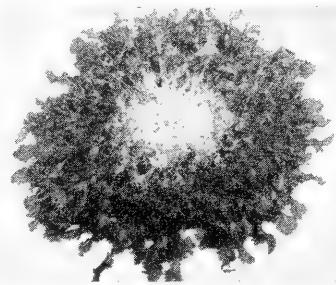
NEW YORK IMPROVED EGGPLANT

A&M ENDIVE

Culture— $\frac{1}{2}$ oz. to 50 foot row; 2 lbs. per acre. Seed can be sown any time during the year. Thin to 10 to 12 inches apart. When nearly full grown bleach the plants by tying the leaves together to exclude the light from the inner leaves or heart. Tying should always be done when the plants are quite dry, otherwise they may rot.

158 Batavian (Escarolle)—88 to 90 days. An earlier variety forming large heads; very suitable for blanching. Pkt. 15c; oz. 25c; $\frac{1}{4}$ lb. 70c; lb. \$2.00.

160 Green Curled Pancalier (Pink Ribbed)—65 days. This variety is more suitable for summer planting. Has good appearance and dense centers. Pkt. 15c; oz. 25c; $\frac{1}{4}$ lb. 70c; lb. \$2.00.



GREEN CURLED RUFFEC ENDIVE

161 Green Curled Ruffec (Green Ribbed)—95 days. A hardy sort suitable for winter use. Leaves have mossy appearance. Pkt. 15c; oz. 25c; $\frac{1}{4}$ lb. 70c; lb. \$2.00.

MARKET GROWERS—Endive Green Curled Ruffec is recommended. Please write for quantity prices.

A&M FENNEL

$\frac{1}{2}$ oz. to 50 foot row, 3 to 5 lbs. per acre.

165 Sweet Florence (Sweet Anise)—Plant in rows 24 to 42 inches apart and thin to 8 to 12 inches apart in the row. The culture is very similar to celery. The bulb at the base is the edible portion and can be either sliced raw or cooked. The stalks can also be used like celery. If the bulb is covered with soil it will blanch to a creamy white. Usually grown as a fall crop and planted from July to September. Very sweet and aromatic. Pkt. 15c; oz. 25c; $\frac{1}{4}$ lb. 80c; lb. \$2.50.

A&M EGG PLANT

Culture—1 pkt. to 50 feet; 4 to 6 ozs. per acre; 1 oz. to 2,000 plants. This plant, being semi-tropical,

requires continued warm weather for best results. It is slow to germinate. Seed is sown in hot

beds during December or January, transplanted when the plants are 2 inches tall in rows, spacing

the plants 2 feet apart in the row and rows 3 feet apart.

156 Black Beauty—80 days. Slightly earlier than New York. Fruits large, oval, with a dark purplish color that holds well after packing. Pkt. 15c; oz. 90c; $\frac{1}{4}$ lb. \$3.00; lb. \$9.00.

155 New York Improved—83 days. A spineless variety very much suited to shipping. Grows strong bushes larger than Black Beauty, consequently the fruits are kept off the ground. The fruits are broad, oval, of black purplish color and are somewhat larger than the Black Beauty. Pkt. 15c; oz. 90c; $\frac{1}{4}$ lb. \$3.00; lb. \$9.00.

Both Egg Plant varieties are desirable for commercial growers. Please write for quantity prices.

A&M GOURDS

Culture—Seeds should not be planted until ground is warm. For climbing plant at base of a fence or trellis in hills about 3 feet apart. If planted in the open plant in hills 6 to 8 feet apart.

170 Edible Gourd (New Guinea Butter Bean)—The young fruits make an excellent dish when served after the manner of squash. If allowed to mature will grow to a length of 4 to 6 feet. **Pkt. 10c; oz. 30c; 1/4 lb. 90c.**

A&M HERBS

180 Anise—Seeds are used for flavoring candy, cookies, etc. **Pkt. 15c.**

181 Basil, Sweet—The spicy leaves are used for flavoring soups, stews and salads. **Pkt. 15c.**

182 Borage—The leaves are used for flavoring and the flowers furnish bee pasture. **Pkt. 15c.**

183 Caraway—Pungent seeds used to flavor bread, pastry. **Pkt. 15c.**

184 Catnip or Catmint—Cats love it. **Pkt. 15c.**

185 Chervil—Belongs to the parsley family and is used for flavoring and garnishing. **Pkt. 15c.**

186 Coriander—Pleasant tasting seeds used in confectionery. **Pkt. 15c.**

187 Dill—The seeds are used for pickling cucumbers. **Pkt. 15c.**

188 Lavender—Used chiefly in perfume. **Pkt. 15c.**

189 Marjoram, Sweet—The dried leaves are used in poultry dressing. The young tender leaves in salads and soups. **Pkt. 15c.**

190 Rosemary—Delicious flavoring for meats. **Pkt. 15c.**

191 Sage—The most extensively used of all herbs as a seasoning for dressings. **Pkt. 15c.**

192 Sorrel—Used in soups and salads for its pleasingly acid flavor. **Pkt. 15c.**

193 Summer Savory—Used for flavoring dressings and soups. **Pkt. 15c.**

195 Thyme—Delightfully sharp aromatic taste. Used extensively for seasoning. **Pkt. 15c.**

A&M KALE

Culture—1/2 oz. to 50-foot row; 1 oz. to 5,000 plants; 4' to 5 lbs. to acre. A hardy member of the cabbage family used for greens. Sow seed thinly in drills September to March and thin to 12 inches apart in rows 2 1/2 to 3 feet apart.

202 Tall Scotch—60 days. Grows to a height of 3 feet with light green densely curled leaves. Very hardy and extensively used for greens. **Pkt. 10c; oz. 30c; 1/4 lb. 85c; lb. \$2.50.**

200 Jersey or Thousand Headed—55 days. Produces large smooth leaves often 3 feet long and 12 inches wide. Plants attain a height of 6 to 8 feet. Used extensively for poultry and stock feeding. **Pkt. 10c; oz. 30c; 1/4 lb. 85c; lb. \$2.50.**

203 Dwarf Green Curled—55 days. Plant has low spreading habit. Very hardy. Leaves are large, curled, used extensively for greens. **Pkt. 10c; oz. 30c; 1/4 lb. 85c; lb. \$2.50.**

A&M KOHL RABI

Culture—2 pkts. to 50-foot row; 4 to 5 lbs. to acre; 1 oz. to 2,000 plants. Sow seed in double rows 18 inches apart and when established thin to 6 inches apart in a row. Sow early in spring and at intervals of ten days until hot weather sets in. For fall use plant again during August and September. Has the combined flavor of the cabbage and turnip.

205 Early White Vienna—55 to 60 days. Bulbs of medium size and are light green on the outside with white flesh, tender, and delicious. **Pkt. 15c; oz. 30c; 1/4 lb. 85c; lb. \$2.50.**

204 Purple Vienna—60 to 65 days. Almost the same as the white only the bulbs have a purplish skin. The flesh is white. **Pkt. 15c; oz. 30c; 1/4 lb. 85c; lb. \$2.50.**

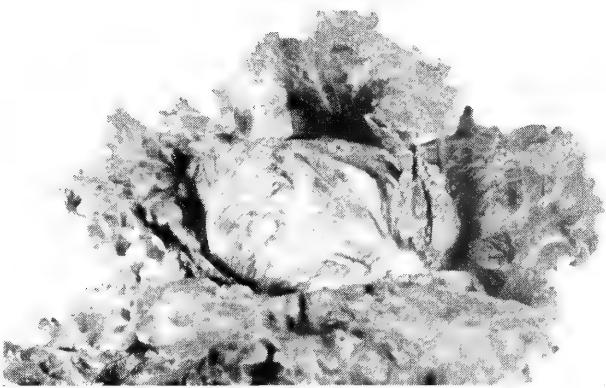
LEEK

Culture—1/4 oz. to 50-foot row; 4 lbs. to acre. Sow the seed early in the spring in rows 12 to 15 inches apart and cover to 1/2 inch deep. Thin to 6 inches apart and draw the soil to them.

206 American Flag—This early, short, thick stemmed variety with its attractive large green leaves is exceptionally mild in flavor. It makes a very welcome addition to salads as well as being delicious in soups or boiled. **Pkt. 15c; oz. 50c; 1/4 lb. \$1.70; lb. \$5.00.**

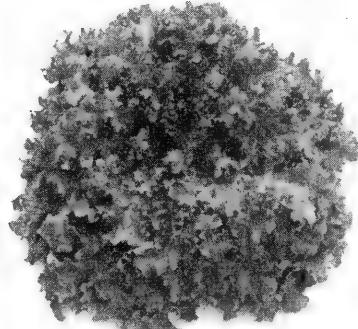
A&M LETTUCE

→
NEW YORK OR
LOS ANGELES
MARKET



Culture—Sow 2 pkts. to 50-foot row, 2 lbs. per acre. Lettuce can be sown any month in Southern California. Sow the seed on ridges 14 to 18 inches wide, covering to not more than 1/2 inch deep. Thin to 8 to 10 inches when the plants are about 1 inch high. Lettuce requires good soil with plenty of moisture to keep the plants growing steadily.

211 Salad Bowl (A.A.S.)—Loose leaf variety of extremely high quality. Leaves are short, closely set, waved and notched. Hold their quality, tender and fine texture over a long period. A head fills a salad bowl with a perfect rosette of rich green and very decorative leaves. Slow to bolt and stands hot weather. **Pkt. 15c; oz. 50c; 1/4 lb. \$1.65; lb. \$5.00.**



SALAD BOWL LETTUCE

213 Smooth Leaved Great Lakes—Same as the regular Great Lakes lettuce, but the leaves are smoother and a deeper green color. **Pkt. 15c; oz. 40c; 1/4 lb. \$1.25; lb. \$4.00.**

215 New York Special (Los Angeles Market)—An A&M introduction. Extensively grown on the Pacific Coast for eastern shipment. Plant is large, dark green, crisp heading. Heads well folded and blanched. Our strain is carefully selected. **Pkt. 15c; oz. 30c; 1/4 lb. \$1.00; lb. \$3.00.**

210 Big Boston—Butter head type with large smooth leaves. Leaves, plain edged, tinged brown on margins. Heads buttery yellow at the heart. **Pkt. 10c; oz. 30c; 1/4 lb. 85c; lb. \$2.50.**

209 Black Seeded Simpson—Loose leaf lettuce. Plants large, producing broad crisp light green leaves, frilled, and crumpled. **Pkt. 10c; oz. 30c; 1/4 lb. 85c; lb. \$2.25.**

212 Early Curled Simpson—Loose leaf, light green, slightly frilled, tender and crisp. **Pkt. 10c; oz. 30c; 1/4 lb. 85c; lb. \$2.25.**

214 Iceberg—Heads are large and well folded, leaves light green tinged brown on the margins. **Pkt. 10c; oz. 30c; 1/4 lb. 85c; lb. \$2.50.**

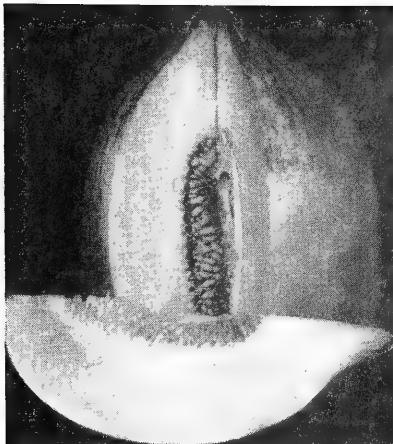
207 Paris Red Cos (Romaine)—Same as White Cos but tinted with red. Very attractive for salads and garnishing. **Pkt. 15c; oz. 30c; 1/4 lb. \$1.00; lb. \$3.00. Postpaid.**

217 Paris White Cos (Romaine)—Heads are 9 to 10 inches tall and made up of self-folding leaves, medium light green, with whitish green inside and heavy white brittle midribs. **Pkt. 10c; oz. 30c; 1/4 lb. 85c; lb. \$2.50.**

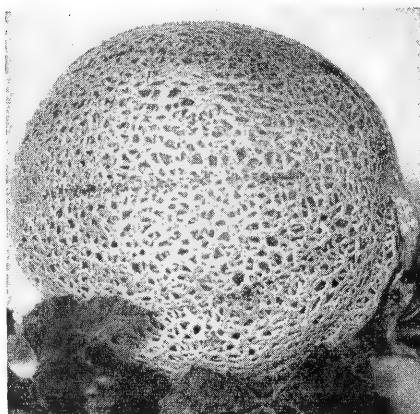
218 Prize Head—Loose leaf. Outside leaves margined red. Tender, sweet. **Pkt. 10c; oz. 30c; 1/4 lb. 85c; lb. \$2.25.**

Shippers and Growers — Note!

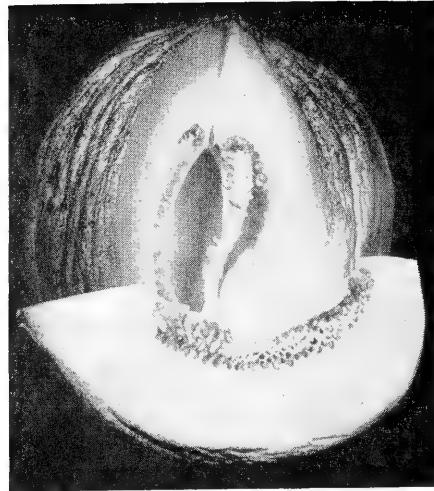
Write for prices and information on Imperial 152, 615, 847, 44, 101. Also New York 12. These are the most recently introduced types of these varieties suitable for planting in the various larger commercial growing centers.



CRANSHAW



HALE'S BEST JUMBO



GOLDEN HYBRID CASABA

A&M MELONS

Culture— $\frac{1}{2}$ oz. to 50-foot row; 2 lbs. per acre. Plant $\frac{3}{4}$ inch deep. Plant seed when danger of frost is past. Plant in hills 4 to 6 feet apart. Seed can be planted early outdoors by giving protection to the younger seedlings by the use of Hotcaps (see page 53). Sow 6 to 8 seeds to the hill. Thin out surplus plants and as they grow pull the soil around the roots until they are 12 inches or more below the surface. General culture is much the same as for cucumbers.

228 New Yorker—90 days. The oval fruits are deeply ribbed and well netted over yellow skin. The bright salmon flesh is of excellent texture with a very delicious spicy flavor. **Pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.**

222 Hale's Best Jumbo—85 days. This is identical to the regular Hale's Best except that it is about 25% larger. **Pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.**

236 Hale's Best 9-36—87 days. An early variety with medium vines, vigorous and healthy. Melons oval in shape, running to jumbo sizes. Well netted; flesh pink, sweet and thick. A heavy yielder. **Pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.**

223 Hale's Best—70 to 80 days. Flesh salmon and of excellent flavor. Melons oblong and well netted between the stripes, which are plainly marked. Melons are 6 to 7 inches long. **Pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.**

235 Imperial No. 45—86 days. Mildew resistant. An early variety developed particularly for the shipping trade. Oval shape, medium size, with heavy net and a faint stripe. Flesh is deep salmon, thick, and firm with small seed cavity. Recommended to plant where mildew is prevalent. **Pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.**

227 Mildew Resistant No. 5—85 days. Bred by the U.S.D.A. and the California Agricultural Experiment Station. A medium sized melon slightly ribbed, heavy net, almost round. Flesh salmon, firm, sweet, small seed cavity. Excellent shipper. **Pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.**

225 Honey Dew—110 days. A great favorite because of its excellent flavor. The melon is ready when the green luster has changed to an attractive golden shade. Withstands heat as the fruits do not sunburn. Used extensively as a shipping melon. Melons are round, about 6 inches in diameter and smooth. Flesh is light green and very sweet. Suitable for storing in a cool place. **Pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.**

226 Pink Fleshed Honey Dew—100 days. Similar to the Honey Dew except that the flesh is pink. **Pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.**

237 Queen of Colorado—90 days. (All America Selection.) A most attractive fruit both on the outside and when cut. The flesh is solid, of an appetizing bright orange, and very delicious flavor. Rind is very hard, pearly gray and heavily covered with a distinctive netting. **Pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.**

220 Cranshaw—96 days. A melon of exceptional merit. Fruits weight 7 to 8 pounds, are pointed at stem end and round at base. The skin is relatively smooth with no rib or net, mottled gold and green. The flesh is a pleasing bright salmon, very thick and has rich, spicy flavor. **Pkt. 15c; oz. 35c; $\frac{1}{4}$ lb. \$1.15; lb. \$3.50.**

224 Honey Ball—105 days. A late variety with excellent shipping qualities. Fruits are white with heavy netting and heavy rind. Flesh green, thick and edible to the rind. Has a sweet spicy flavor. **Pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.**

229 Oriental—An excellent home and market garden sort but not recommended as a shipper. Fruits are rounded with pointed stem end. Melons are light green with darker green spots, turning to light yellow with orange spots when ripe, soft. Flesh is salmon tinted, tender and sweet and highly aromatic. **Pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.**

230 Persian—102 days. This is practically the same as the Baby Persian, however attains a much larger size, often producing melons 10 lbs. in weight. A good keeper. Completely netted, showing no ridges. Very rich flavor. **Pkt. 15c; oz. 35c; $\frac{1}{4}$ lb. \$1.15; lb. \$3.50.**

221 Baby Persian—102 days. A melon of uniform size and approximately $7\frac{1}{2}$ inches in diameter. Fruits are dark colored and completely covered with a fine netting. Flesh thick, pink in color and excellent flavor. Used extensively for shipping. **Pkt. 15c; oz. 35c; $\frac{1}{4}$ lb. \$1.15; lb. \$3.50.**

232 Rocky Ford—92 days; also known as Netted Gem. Fruits oval, show no ribbing and are entirely covered with a uniform netting. Flesh green. **Pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.**

234 Tip Top—96 days. Introduced many years ago by Aggeler & Musser and still a favorite. Melons are short oval shape, flesh deep yellow, and deliciously sweet. **Pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.**

A&M CASABAS

Culture— $\frac{1}{2}$ oz. to 100-foot row; 1 lb. per acre. Plant $\frac{3}{4}$ inch deep. In general the culture for casabas is the same as for melon. Plant casabas according to locality, from February 15 until June 15, in furrows 8 feet apart. For late shipping many are planted from June 1 to July 15. Casabas may be taken from the vine as soon as they lose the green lustre, but should not be eaten until the hard rind of such varieties as the Golden Beauty will give slightly under pressure of the thumb. The improved Hybrid in particular is not at its best until quite an impression can be made with the thumb as in a mellow apple.

241 Golden Beauty—105 days. An A&M introduction and one of the most popular. Melons have a beautiful golden color at maturity with a wrinkled skin. Flesh is white in color, very sweet and spicy. Good for shipping as it stands long journeys very well. Properly stored they will remain edible for months. **Pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.**

242 Golden Hybrid—105 days. Larger than Golden Beauty; is a heavy yielder. Melons are bright golden yellow. **Pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.**

240 Hybrid—Similar to Golden Hybrid but color green instead of yellow. **Pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.**

MARKET GROWERS

Special attention is called to commercial varieties of melons such as:

Muskmelon: Cranshaw and Imperial 45.
Watermelon: Klondike, Small Black Seeded; Klondike R-7 and Klondike Striped Wilt-Resistant. Write for quantity prices.

CITRON

263 Green Seeded—Used as feed for stock, and considered better than pumpkins. **Pkt. 10c; oz. 25c; lb. \$2.25.**



STRIPED KLONDIKE WATERMELON

A&M WATERMELONS

Culture—1 oz. to 50-foot row; 1½ to 2 lbs. per acre. The requirements for raising watermelons are, practically speaking, the same as for muskmelons. The vines of the watermelons are more spreading and require a greater distance between plants. Plant 8 to 10 seeds to the hill and space the hills 8 to 9 feet apart.

252 Chilean—85 days. Available in either black or white seeded types. We will supply black seed unless otherwise specified. Color is green with darker green stripes. Flesh is bright red, edible to the thin tough rind and of excellent quality. Average weight 18 lbs. Fruits almost round. **Pkt. 15c; oz. 30c; ¼ lb. 95c; lb. \$2.50.**

256. Kleckley's Sweet—85 days. Average weight 35 pounds. Principally grown for home garden and local market. Color is dark green with a bright red flesh that is tender and melting. Seeds white with darkened tips; also known as Monte Cristo. **Pkt. 15c; oz. 30c; ¼ lb. 85c; lb. \$2.50.**

259 Stone Mountain—85 days. Average weight 50 lbs. Used as a home garden sort and for shipping. Has a dark green color with fine green veining. Shape is broad oval with blocky ends. Flesh is bright crimson, sweet and crisp. Seeds are white spotted with black. **Pkt. 15c; oz. 30c; ¼ lb. 85c; lb. \$2.50.**

265 Striped Klondike—90 days. Has a rind that is tough, and fairly thick, making it a good shipper. Color is light green with irregular stripes of dark green. Average weight 27 lbs. Flesh is scarlet with high sugar content and delicious flavor. Seeds are black, splotched and striped with brown. **Pkt. 15c; oz. 25c; ¼ lb. 85c; lb. \$2.50.**

266 Striped Klondike Wilt Resistant—Identical to the regular striped Klondike, but resistant to wilt. **Pkt. 15c; oz. 25c; ¼ lb. 85c; lb. \$2.50.**

257 Klondike—87 days. (Plant only 1 to 1½ lbs. per acre.) Introduced by us in 1909. This is without doubt the most popular melon in California. Grown extensively in the Imperial Valley. Flesh is rich, dark red and very appetizing. Rind is thick enough for protection in shipping, yet not considered thick, and heavy, as many other varieties. The color is solid green, showing slight ribs running lengthwise of the fruit. Average weight 25 lbs. We have brown seeded strain, which is the original, and a black seeded which is identical except for the color of the seeds. **Pkt. 15c; oz. 25c; ¼ lb. 85c; lb. \$2.50.**



WHITE VELVET OKRA

OKRA

Culture—1 oz. to 50-foot row; 6 to 8 lbs. per acre. Plant, after danger of frost has passed, in rows 2½ feet apart and thin to 18 inches apart in the rows. The young pods are used in soups, stews, and as a green vegetable dish.

277 Early Greenpod—50 days. The plants grow from 2½ to 3 feet, producing close to the ground. Pods are dark green, short, corrugated, and fluted. Matures early and has good shipping qualities. **Pkt. 10c; oz. 25c; ¼ lb. 65c; lb. \$1.75.**

276 Green Velvet—60 days. Very similar to White Velvet Okra, except in color, which is medium green. Spineless. **Pkt. 10c; oz. 25c; ¼ lb. 65c; lb. \$1.75.**

279 White Velvet—60 days. Produces pods of pale greenish white 6 to 7 inches long, tapered, smooth, with little ribbing, slender. A strong grower and also a good shipper. **Pkt. 10c; oz. 25c; ¼ lb. 65c; lb. \$1.75.**

278 Mammoth Longpod—60 days. The stalk sometimes grows very tall, reaching a height of 5 to 6 feet, producing dark green, corrugated pods 7 to 8 inches long. **Pkt. 10c; oz. 25c; ¼ lb. 65c; lb. \$1.75.**

AGGELER & MUSSER Dependable Seeds are available from your dealer or if inconvenient, order direct by mail. Order blank enclosed.



→
MUSTARD
SOUTHERN
GIANT
CURLED

A&M MUSTARD SPINACH

2 pkts. to 50-foot row; 4 lbs. to acre

275 Tendergreen—A very pleasingly flavored mustard, so mild that it is almost like spinach. May be grown in the place of spinach during the summer. Leaves are ready to use 3 or 4 weeks after sowing. **Pkt. 10c; oz. 25c; ¼ lb. 65c; lb. \$1.50.**

A&M ONIONS

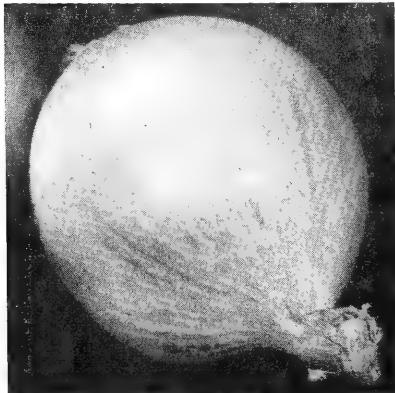
Write for Quantity Prices

½ oz. to 50-foot row; 4 to 5 lbs. to acre.

Culture—Rich soil with too much irrigation will produce thick necked scallions and often times doubles and splits, while the same soil well drained would produce the finest onions. A well-fertilized sandy soil is best.

Onions are hardy and will grow reasonably well in most soils. In Southern California seed is planted in September for early spring onions and from November to March for later crops. The early varieties mature in about 125 days and the later varieties about 140 days. Seed is sometimes sown directly in the field and thinned, however we advise sowing in seed beds and transplanting. Under the transplanting method ½ lb. of seed is sufficient to raise plants for 1 acre.

The young plants are ready for transplanting when 6 weeks to 2 months old. Trim the tops to the center blade and the roots to ½ to 1 inch. Double row planting is recommended where weeds are few. The rows on the ridges should be spaced 8 to 10 inches apart.



WHITE SWEET SPANISH

292 White Sweet Spanish—Similar to the famous Riverside Sweet Spanish in flavor, uniformity, size, shape, yield, and mildness. Is a good shipper and keeper. The pure white skin is very attractive. Pkt. 15c; oz. 45c; ¼ lb. \$1.50; lb. \$4.50.

289 Riverside Sweet Spanish—Developed by Aggeler & Musser from the original imported strain and greatly improved. Large well shaped brown onions weighing 1 to 3 lbs. If properly cured are good keepers and also good shippers. For large sized onions thin to 6 to 8 inches part. Onions are globular, with golden yellow skins, white flesh, very mild, with a pleasing flavor. Pkt. 15c; oz. 45c; ¼ lb. \$1.50; lb. \$4.50.

295 Utah Sweet Spanish—Equally as mild and sweet as the Riverside and is the same popular globe shape. The skin, however, is dark brown and heavy, making it an excellent shipper and keeper. Pkt. 15c; oz. 45c; ¼ lb. \$1.50; lb. \$4.50.

281 Texas Early Grano—One of the earliest, mildest, and sweetest onions grown. At maturity the onions are straw colored, the top rather flat, tapering toward the bottom. Not recommended for storage but excellent for early market. Pkt. 15c; oz. 50c; ¼ lb. \$1.65; lb. \$5.00.

286 Early White Grano—As mild and sweet as White Sweet Spanish but considerable earlier. Yields a heavy crop of large, pure white, almost globe-shaped onions. A good shipper and keeper. Pkt. 15c; oz. 60c; ¼ lb. \$2.00; lb. \$6.00.

282 Australian Brown—The thick outer scales are of deep chestnut brown. Is very solid and thin necked. Quick maturing and a keeping sort, ripening before the hot dry weather. Strong flavor. Pkt. 15c; oz. 40c; ¼ lb. \$1.35; lb. \$4.00.

280 Early California Red—An exceptionally mild onion with a deliciously sweet flavor. It is semi-globe shaped with deep red skin and crisp flesh. Early maturing, non-bolting. Pkt. 15c; oz. 45c; ¼ lb. \$1.50; lb. \$4.50.

291 White Portugal or Silverskin—White, flat, with good keeping and shipping qualities. Good pickling variety. Pkt. 15c; oz. 40c; ¼ lb. \$1.35; lb. \$4.00.

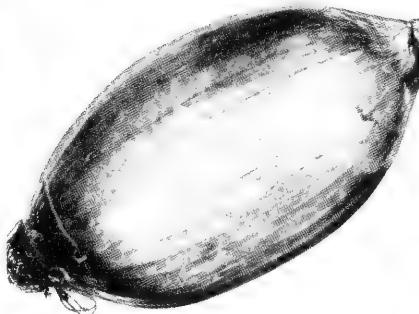
293 Yellow Bermuda—A medium sized early flat onion. Skin is light straw color, flesh almost white, coarse, sweet, and mild. Pkt. 15c; oz. 45c; ¼ lb. \$1.35; lb. \$4.50.

MARKET GROWERS

Commercial onions include: California Red, Texas Early Grano, Excel, Early White Grano, Sweet Spanish Utah, Regular Sweet Spanish and Sweet Spanish White. Write for quantity prices.

284 Crystal Wax—A medium sized pure waxy white onion. Very mild. Bulbs flat, medium size, pure white, and of a delicate flavor. Pkt. 15c; oz. 40c; ¼ lb. \$1.35; lb. \$4.00.

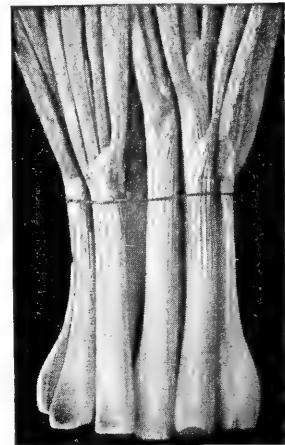
285 Excel Early Yellow Bermuda No. 986—A new strain of Yellow Bermuda. It is larger and not as flat as the ordinary Yellow Bermuda and is 7 to 10 days earlier, which makes it very desirable for an early market onion. A fair keeper, and owing to its earliness, mildness and sweet flavor it is very desirable. Pkt. 15c; oz. 45c; ¼ lb. \$1.50; lb. \$4.50.



ITALIAN RED BOTTLE

287 Italian Red Bottle—A large almost bottle-shaped onion often weighing 3 to 4 lbs. Flesh is white, crisp, mild and sweet. Pkt. 15c; oz. 60c; ¼ lb. \$2.00; lb. \$6.00.

290 Southport White Globe—A heavy yielder and large size. Good keeper either in the field or storage. Silvery white in color, globe shaped. Strong flavor. Pkt. 15c; oz. 50c; ¼ lb. \$1.70; lb. \$5.00.



BUNCHING
ONION

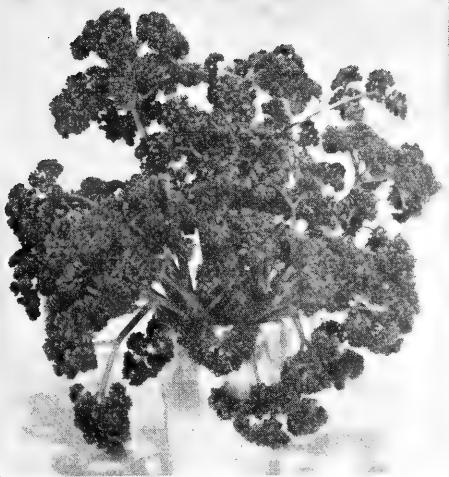
283 Bunching Onions—For bunching onions sow 10 lbs. of seed per acre or ¼ lb. to 100-foot row. Many people are of the belief that any white onions will be all right for bunching onions. This is not so and market gardeners know that we have the best strain for this purpose. Pkt. 15c; oz. 50c; ¼ lb. \$1.70; lb. \$5.00.

ONION SETS

State whether you wish white or brown. The earliest onions are grown from sets planted in September. This brings them in the market in February and March, when prices are highest. About 350 lbs. of sets will plant one acre. Set them 3 inches apart in rows 6 inches apart. When ready for use, take up every other one as needed, allowing the balance to grow to mature size. A pound of sets will plant 50 feet of row. Lb. 50c; 10 lbs. \$4.50. Postpaid. Write for quantity prices.



PLANTING OF ONIONS, EARLY WHITE GRANO



MOSS CURLED PARSLEY

A&M PARSLEY

Culture—2 pkts. to 50-foot row; 3 to 4 lbs. to acre. Parsley is slow to germinate, therefore soak in water about 12 hours before planting. Sow in drills 1 foot apart and thin to 3 to 4 inches apart.

300 Champion Moss Curled—Very desirable for garnishing and decorative purposes. Leaves are dark green, tightly curled, giving the appearance of moss. **Pkt. 10c; oz. 25c; 1/4 lb. 60c; lb. \$1.50.**

303 Plain (Smooth Leaved)—Leaves have stronger parsley flavor than other sorts. Are deeply cut and dark green. **Pkt. 10c; oz. 25c; 1/4 lb. 60c; lb. \$1.50.**

301 Extra Double Curled—Dwarf sort with very strong cut leaves of dark green color. **Pkt. 10c; oz. 25c; 1/4 lb. 60c; lb. \$1.50.**

302 Hamburg Turnip Rooted—The roots of this variety are the edible portion. Flesh is white, dry, and flavored like Celery. Used for flavoring soups and stews. **Pkt. 10c; oz. 25c; 1/4 lb. 60c; lb. \$1.50.**

All Aggeler & Musser Packet Seeds are now New Method Double Treated to promote better germination, resistance to damping off and more sturdy growth. Look for this Trademark on the packets.



A&M PARSNIPS

Culture—1/2 oz. to 50-foot row; 4 to 5 lbs. to acre. In Southern California they should be planted in the fall and winter months. Plant in rows 1 1/2 feet apart, covering to 1/2 inch with fine soil. When plants are well up, thin to 2 to 3 inches apart in the row. Parsnip seed is slow to germinate.

306 Special Long White—Produces roots of uniform shape and size. Color is pure white, 10 to 12 inches long, 1 1/2 to 3 inches thick at shoulder. **Pkt. 10c; oz. 25c; 1/4 lb. 60c; lb. \$1.50.**

308 Hollow Crown—Roots 12 to 14 inches long, 2 1/2 to 3 inches thick at shoulder. Uniformly tapered and hollow crowned. Good texture and flavor. **Pkt. 10c; oz. 25c; 1/4 lb. 60c; lb. \$1.50.**

A&M PEAS

Write for Quantity Prices

Culture—3/4 lb. to 50-foot row; 50 to 150 lbs. to acre. Peas require a moderate temperature with plenty of moisture. They can stand light frosts, therefore can be planted early in the spring. This crop is also planted during September in the Thermal zone. When planting in the summer months plant 2 inches deep in heavy soil and deeper in sandy soil. Drill in rows 2 1/2 feet apart.

309 Alderman (Improved Tall Telephone)—75 days. Height 5 to 6 feet. Must be grown on poles, using twine between the poles. Vines and pods are dark green; vigorous grower. Pods 5 to 5 1/2 inches long, well filled, plump, and pointed, and borne singly. Resistant to fusarium wilt. **Large pkt. 10c; 6 oz. 30c; lb. 50c; 10 lbs. \$4.00.**

321 No. 69—An A&M introduction and an excellent early variety to follow Laxton's Progress or Hundredfield. Vine is 24 to 28 inches high, dark green, and heavy, and would seem to have more resistance to insect pests. It also stands heat well and produces a good set in the interior valleys. Pods are 5 to 6 inches long, dark green, pointed, and borne singly. Is an excellent shipping variety. We recommend that this be grown on lath and planted in rows not less than 4 feet apart. No. 69 is one of the largest podded peas it has been our pleasure to introduce to the market garden and shipping trade. **Large pkt. 10c; 6 oz. 30c; lb. 50c; 10 lbs. \$4.00.**



TALL TELEPHONE PEAS

312 Special Dwarf Telephone—75 days. A dark, large podded variety, similar to ordinary Dwarf Telephone, but darker foliage and pod, which is also larger, growing to a length of 5 inches. Vines grow to a height of 20 inches. **Large pkt. 10c; 6 oz. 30c; lb. 50c; 10 lbs. \$4.00.**

313 Dwarf Gray Sugar—65 days. An edible pod variety with vine growth of 28 inches. Pods 3 inches long. Resistant to fusarium wilt. Vines are slender and wiry, with purple blossoms. Pods produced in doubles, light green, heavily curved, and strongly indented between the peas. **Large pkt. 10c; 6 oz. 30c; lb. 50c; 10 lbs. \$4.00.**

314 Hundredfield—62 days. Vines 22 to 24 inches, dark green. Pods borne singly 4 to 4 1/2 inches long, dark green, plump and tapered. **Large pkt. 10c; 6 oz. 30c; lb. 50c; 10 lbs. \$4.00.**



HOLLOW CROWN PARSNIPS

MARKET GROWERS — A&M Special Long White is a recommended Parsnip.
Write for quantity prices

320 Number 95—74 days. A sturdy growing variety with vine 24 to 28 inches high. Pods are dark green, handsome, and large with peas of excellent flavor and texture. Pods 5 1/2 inches long. **Large pkt. 10c; 6 oz. 30c; lb. 50c; 10 lbs. \$4.00.**

318 Stratagem—79 days. 30 inches. Vines are dark green. Pods 4 1/2 inches long, straight, and plump, tapered at end. **Large pkt. 10c; 6 oz. 30c; lb. 50c; 10 lbs. \$4.00.**

316 Laxton's Progress—62 days. Vine 16 to 18 inches, medium dark green. Pods 4 1/2 to 5 inches long, borne singly, and are somewhat curved and pointed, dark green. **Large pkt. 10c; 6 oz. 30c; lb. 50c; 10 lbs. \$4.00.**

A&M PEANUTS

(Write for Peanut Bulletin No. 22)

Culture—Plant the first week in April until the first of June. Plant the Virginia in rows 3 feet apart and the plants 18 inches apart, dropping not less than two kernels. The Spanish can be planted in rows 2 feet apart and about 1 foot apart in the row, covering the seed to 3 inches deep.

Virginia Improved—(Plant 40 to 50 lbs. unshelled or 20 to 30 lbs. hulled per acre.) Is known as a runner and has a spreading habit of growth and forms pods both at the base of the plant and along the lateral stems. **Lb. 60c; 10 lbs. \$5.50.** Write for quantity prices.

Spanish Hulled—(Plant 30 to 40 lbs. per acre). This is the most important commercial variety. The habit of growth is upright with heavy foliage and produces close to the base of the plant. **Lb. 60c; 10 lbs. \$5.50.** Write for quantity prices.

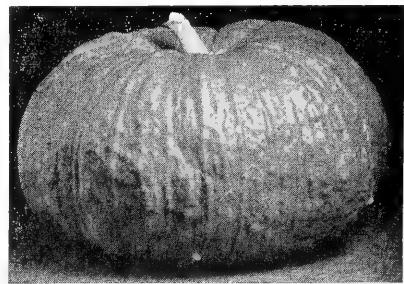
A&M PUMPKINS

Write for Quantity Prices

Culture—2 oz. to 50-foot row; 3 to 4 lbs. per acre. Pumpkins do not require too much water and should not be flooded. Plant 8 to 10 feet apart, dropping 3 to 5 seeds to the hill and allowing one plant to remain in a hill.

340 Connecticut Field (Jack O'Lantern)—Planted extensively for the Hallowe'en and Thanksgiving trade. Used for pies, canning, and for stock feed. Fruits are large, deep orange in color, usually 10 inches long and 12 inches in diameter, weighing about 20 lbs. Flesh thick, orange yellow, somewhat coarse, sweet, and good keeper. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 65c; lb. \$2.00.

345 Dickenson—Does not need to be peeled or have any sugar, starch or coloring added, as the flesh is very sweet and a brilliant deep orange color. The fruits are about 10 to 12 inches in diameter and 14 to 18 inches long. A very sturdy, vigorous grower, and exceptionally heavy yielder. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 65c; lb. \$2.00.



KENTUCKY FIELD PUMPKIN

341 Cushaw (Crookneck)—A heavy yielding variety. Has small seed cavity. Used for pies. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 65c; lb. \$2.00.

344 Mammoth King—An extremely productive variety of high feeding value. Fruits very large, almost 20 inches through, and weigh 60 lbs. and sometimes much larger. Skin reddish yellow; thick, bright yellow flesh, firm, but rather coarse. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 65c; lb. \$2.00.

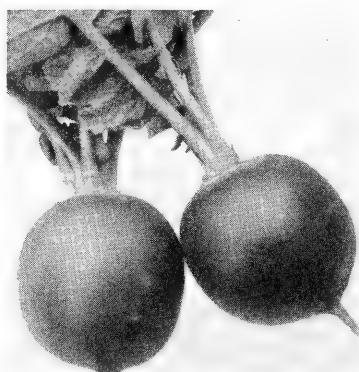
343 Kentucky Field (Large Cheese)—The most extensively grown for stock. Is an excellent keeper, sweet, and often used for canning. Fruits are large, flattened, 12 to 15 inches in diameter, and half as deep, however, sometimes grow much larger. Skin creamy buff, with thick deep salmon yellow flesh of good quality. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 65c; lb. \$2.00.

346 Sugar (Boston Pie)—Particularly desirable for pies. Fruits are round, flattened at ends, and weigh 6 to 8 lbs. Skin is hard, smooth, somewhat ribbed and deep orange in color. Flesh orange yellow, sweet, and of good quality. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 65c; lb. \$2.00.

A&M RADISHES

Write for Quantity Prices

Culture— $\frac{1}{2}$ oz. to 50 feet; 10 to 12 lbs. to acre. Radishes can be grown the year round in California. Sow in drills 10 to 12 inches apart and 1 to 2 feet apart in row. Edible in 25 to 30 days.



CHERRY BELLE RADISH

355 French Breakfast—27 days. Medium-sized, olive-shaped, crisp and tender; of a beautiful scarlet color with white tip. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

354 Early Scarlet Turnip—25 days. An early variety with small top. Roots are round, 1 inch in diameter, slightly flattened, with a small tap root. Color dark scarlet red with pinkish white flesh. Crisp and tender. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

361 Long White Icicle—27 days. This is considered the best early white variety. Roots long and tapered with small tops, brittle and of excellent quality, mild and of splendid flavor. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

362 Scarlet Turnip White Tip—25 days. Tops are small with deep turnip-shaped roots, almost globular, and slender tap root. Color is bright scarlet with well defined white area around the tip. Crisp and tender. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.



FRENCH BREAKFAST RADISH

A&M PEPPERS

Culture—1 pkt. to 50-foot row; 1 to 2 lbs. to acre. For early production sow the seeds in December and January in hot beds. Transplant as soon as weather and soil conditions permit.

For late production sow seed again in February and March.

For fall and winter production sow the seeds, in well prepared outdoor beds, during May and June. Plant 18 inches apart in the row and space the rows 3 to 4 feet apart.

325 Anaheim Chili—A hot late variety desired above all others for culinary purposes because of its agreeable pungency. Fruits are 6 to 8 inches long and about 1 inch through, tapered, deep green, becoming a rich scarlet at maturity. Pkt. 15c; oz. 70c; $\frac{1}{4}$ lb. \$2.50; lb. \$7.00.

327 California Wonder—This is an outstanding variety averaging 4 inches in length to $3\frac{1}{2}$ inches in diameter with a slight taper, which makes them almost square. They obtain extra weight by the thick walls that are very meaty. The walls are $\frac{1}{4}$ to $\frac{3}{8}$ of an inch in thickness. It is an excellent shipping sort. The skin is a deep rich green, smooth and glossy. We are proud of the California Wonder. Pkt. 15c; oz. 95c; $\frac{1}{4}$ lb. \$3.15; lb. \$9.50.

334 Pimiento—Medium sized smooth fruits of a glossy green color that becomes red when mature. Excellent for salads. Meat is thick and of fine sweet flavor. Pkt. 15c; oz. 80c; $\frac{1}{4}$ lb. \$2.75; lb. \$8.00.

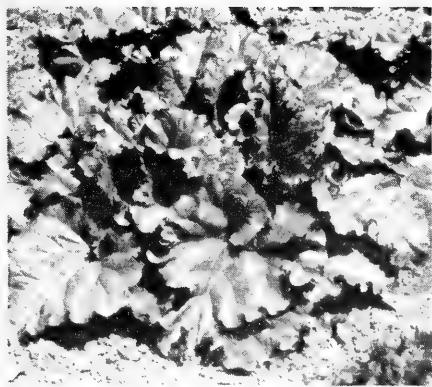
333 Pepperoncini—Pick green, when fruits are about 1 $\frac{1}{2}$ inches long and $\frac{1}{2}$ inch in diameter. Pkt. 15c; oz. 90c; $\frac{1}{4}$ lb. \$3.00; lb. \$9.00.

336 Green Mexican Pickling (Jalapino)—For pickling and seasoning. The fruits are dark glossy green, thick meaty, and very pungent and considered one of the hottest in cultivation. Length averages 1 $\frac{1}{2}$ to 2 inches in diameter. Pkt. 15c; oz. 85c; $\frac{1}{4}$ lb. \$2.50; lb. \$8.75.

331 Floral Gem—An early pungent variety for pickling. Fruits are green turning to a beautiful waxy yellow, at which time it is ready for marketing. When fully mature they are red. Pkt. 15c; oz. 85c; $\frac{1}{4}$ lb. \$2.90; lb. \$8.50.

MARKET GROWERS

The following Peppers are recommended:
A&M Select California Wonder, Floral Gem and Pepperoncini. Please write for quantity prices.



CHERRY RHUBARB

RHUBARB

A&M Cherry—Roots available from January 1 to March 31—write for circular. A beautiful cherry red and is less tart than other varieties. There is no coarse fiber and the stems will keep in marketable condition for several weeks. Roots 50c each; 3 for \$1.25; 10 for \$3.95.

We do not offer seed of this variety because it does not come true from seed.

370 Rhubarb Seed—Sow seed of Rhubarb any time from February to July 1, about $\frac{3}{4}$ inch deep, in rows 12 inches apart. Transplant when roots are as large as a pencil. Pkt. 15c; oz. 50c; $\frac{1}{4}$ lb. \$1.65; lb. \$5.00.



A&M EARLY ROSELLE

A&M ROSELLE

Culture—Sow early in April 4 feet apart in rows 6 feet apart. Always use the early variety because the late varieties may not mature before frost. We offer only the early variety. It is easily grown from seed if planted after ground is warm.

The calyx surrounding the seed pod is used for making jelly and jam.

372 A&M Early—Pkt. 15c; oz. 75c; $\frac{1}{4}$ lb. \$2.50.

A&M SALSIFY (OYSTER PLANT)

Culture— $\frac{3}{4}$ oz. to 50 feet; 7 to 8 lbs. to acre. A desirable winter vegetable. The roots have a flavor similar to oysters. Seed is sown in spring in rows 12 to 15 inches apart and thinned to 4 inches apart in the row.

374 Mammoth Sandwich Island—Roots grow 6 to 8 inches long, 1 to $1\frac{1}{2}$ inches thick, tapering, smooth. Color is dull white. Pkt. 15c; oz. 50c; $\frac{1}{4}$ lb. \$1.60; lb. \$5.00.

VEGETABLE CALENDAR FOR THE HOME GARDEN

Variety	No. Plant per Oz. of Seed	Seed for 50 Feet	Rows Apart	Apart in Row Thin to	Time of Planting	Ready for Use
Beans — Bush.....	50 to 75	$\frac{1}{2}$ lb.	20 in.	4 in.	March to Sept.	8 to 10 wks.
Beans — Pole.....	50 to 100	$\frac{1}{4}$ lb.	2 ft.	6 in.	April to Aug.	8 to 10 wks.
Beans — Lima.....	30 to 60	$\frac{1}{2}$ lb.	2 ft.	10 in.	April to Aug.	10 to 12 wks.
Beets	300	2 pkts.	10 in.	4 in.	All Year	8 to 10 wks.
Broccoli	2000	1 pkt.	2 ft.	1 $\frac{1}{2}$ ft.	July to Oct.	12 to 16 wks.
Brussels Sprouts	2000	1 pkt.	20 in.	15 in.	May to Sept.	12 to 16 wks.
Cabbage	2000	1 pkt.	20 in.	15 in.	May to Sept.	12 to 16 wks.
Carrot	1500	2 pkts.	10 in.	2 in.	All Year	8 to 10 wks.
Cauliflower	2000	1 pkt.	20 in.	18 in.	Sept. to March	14 to 16 wks.
Celery	2000	1 pkt.	20 in.	8 in.	March to Aug.	16 to 18 wks.
Corn — Sweet.....	100	$\frac{1}{4}$ lb.	2 ft.	18 in.	March to Aug.	12 to 14 wks.
Cucumber	200	2 pkts.	4 ft.	3 ft.	March to Sept.	8 to 10 wks.
Endive	1000	2 pkts.	1 ft.	10 in.	Sept. to March	14 to 18 wks.
Egg Plant	2000	1 pkt.	2 $\frac{1}{2}$ ft.	2 ft.	April to July	10 to 12 wks.
Kohl Rabi.....	1000	2 pkts.	10 in.	4 in.	All Year	10 to 12 wks.
Lettuce	2000	2 pkts.	15 in.	10 in.	All Year	12 to 16 wks.
Muskmelon	200	2 pkts.	4 ft.	3 ft.	March to July	14 to 18 wks.
Watermelon	100	2 pkts.	6 ft.	4 ft.	April to July	16 to 20 wks.
Okra	150	2 pkts.	2 ft.	12 in.	All Year	10 to 12 wks.
Onion Seed	5000	2 pkts.	10 in.	2 $\frac{1}{2}$ in.	Sept. to March	24 to 28 wks.
Parsnips	300	$\frac{1}{2}$ oz.	1 $\frac{1}{2}$ ft.	2 in.	Aug. to March	14 to 18 wks.
Parsley	400	2 pkts.	10 in.	3-4 in.	All Year	12 to 14 wks.
Peas	50	$\frac{3}{4}$ lb.	2 ft.	4 in.	Sept. to March	14 to 20 wks.
Pepper	1000	1 pkt.	2 ft.	18 in.	April to July	10 to 12 wks.
Pumpkin	100	2 oz.	6 ft.	5 ft.	April to July	12 to 14 wks.
Radish	500	$\frac{1}{2}$ oz.	10 in.	1 $\frac{1}{2}$ in.	All Year	4 to 8 wks.
Salsify	200	1 oz.	10 in.	4 in.	Sept. to March	14 to 18 wks.
Spinach	200	1 oz.	12 in.	4 in.	Sept. to April	8 to 12 wks.
Squash — Summer..	100	1 oz.	3 ft.	3 ft.	April to Aug.	10 to 12 wks.
Squash — Winter....	100	1 oz.	6 ft.	4 ft.	April to Aug.	12 to 16 wks.
Tomato	1000	1 pkt.	4 ft.	3 ft.	March to Aug.	12 to 14 wks.
Turnip	2000	$\frac{1}{2}$ oz.	10 in.	6 in.	Sept. to March	10 to 12 wks.

A&M SPINACH

Write for Quantity Prices

Culture— $\frac{3}{4}$ oz. to 50-foot row; 10 to 15 lbs. to acre. Spinach grows the year round in California and for succession plant every two weeks. Sow in drills 1 foot apart and thin. Plant spinach thicker during the warm months as it does not germinate so well in warm weather. For field culture plant 16 to 18 inches apart. The plants will stand a relatively low degree of temperature but are seriously injured by heat.

378 New Zealand—Distinct from the true spinach. Produces spreading branched stems 2 to 3 feet long, bearing thick leaves that are fleshy. This variety is grown to take the place of ordinary spinach during the hottest weather. Plant in hills 2 feet apart each way. Sow seed before planting. Pkt. 15c; oz. 20c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

381 Summer Success—The most suitable sort for summer. Large leaves up to 14 inches long. Crisp and meaty. Pkt. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

379 Prickly Seeded Winter—This variety will thrive best in the colder weather. Leaves are thick, wide, and dark green, and our seed is of the highest type. Pkt. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

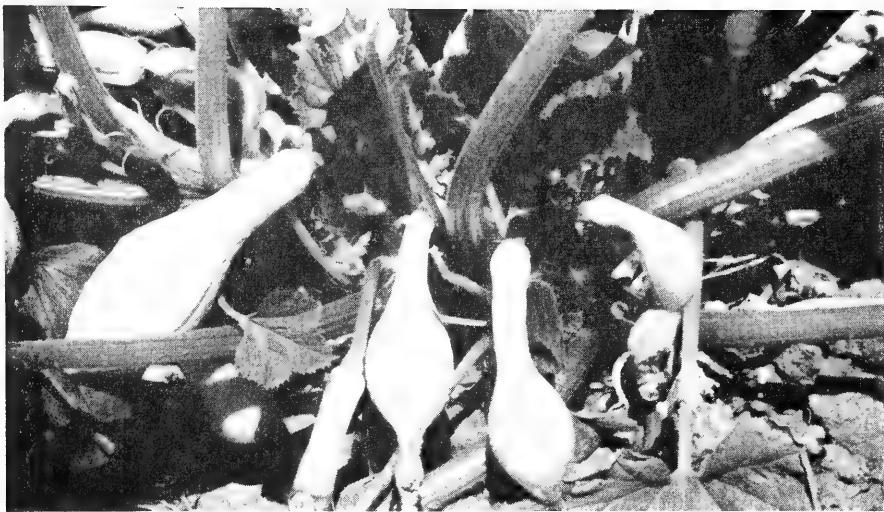
383 Special Viroflay—A long standing variety especially selected for a type less susceptible to go to seed than others. The leaves are large and thick. Plant spring and summer. Pkt. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

382 Viroflay—Quite hardy, produces large, smooth leaves which are thick and broad with round tips. Tender and of fine flavor. Plant fall and winter. Pkt. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

MARKET GROWERS — Recommended varieties of Spinach are Special Prickly Seeded Winter and Special Viroflay. Write for quantity prices.



SPECIAL VIROFLAY SPINACH



GOLDEN SUMMER CROOKNECK SQUASH

A&M SQUASH

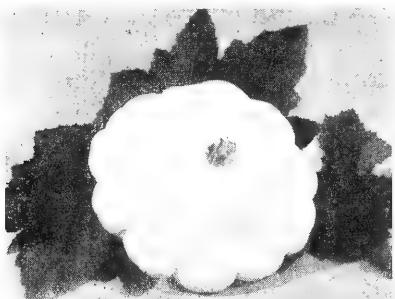
Write for Quantity Prices

Culture—1 oz. to 50-foot row; 4 to 6 lbs. to acre for summer varieties and 2½ lbs. to acre for winter varieties. Seed should not be planted until all danger of frost is over. In the open ground plant in hills 3 feet apart and rows 4 feet apart for the summer varieties and 10 by 6 feet for the winter varieties. Irrigate in furrows and away from the hill as far as the tip of the vines. For very early plantings protect them with HotKaps.

Summer Varieties

397 Black Zucchini (Italian)—The most desirable sort. The fruits are long and very dark green. Vines are bush formed and very productive. Fruits are used when 4 to 6 inches long. Pkt. 15c; oz. 25c; ¼ lb. 75c; lb. \$2.50.

396 Gray Zucchini (Italian)—60 days. Similar to the Black but the fruits have a grayish cast. The vines are bush formed. Pkt. 15c; oz. 25c; ¼ lb. 75c; lb. \$2.50.



WHITE BUSH SCALLOP SQUASH

395 Improved Green Tint White Bush Scallop—55 days. A much improved type of the well-known White Bush. The young fruits are an appetizing deep green, holding their color at the edible stage. Pkt. 15c; oz. 25c; ¼ lb. 75c; lb. \$2.50.

391 Golden Summer Crookneck—56 days. A bush type producing fruits of excellent flavor. Color is a bright yellow and the fruits are warted. Pkt. 15c; oz. 25c; ¼ lb. 75c; lb. \$2.50.

392 Golden Yellow Straightneck—55 days. A desirable type for shipping as the straight neck allows more easy packing. Early, handsome in appearance. Color is deep orange and moderately warted, 16 to 20 inches long, but used much smaller. Pkt. 15c; oz. 25c; ¼ lb. 75c; lb. \$2.50.



BANANA SQUASH

Winter Varieties

400 Banana (Blue)—105 days. Fruits cylindrical, smooth, of greenish gray color, and grow 20 to 24 inches long and 6 inches in diameter. Flesh thick, light orange, of good flavor and fine grained. Pkt. 15c; oz. 30c; ¼ lb. 90c; lb. \$3.00.

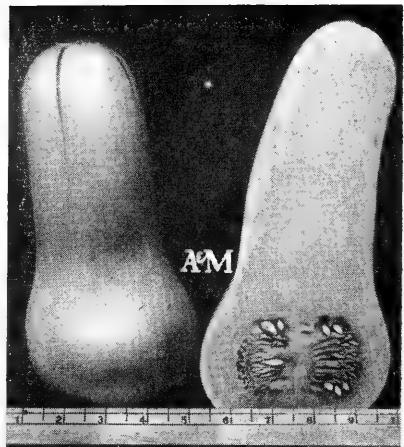
398 Banana Jumbo Pink—Same as the regular Pink Banana Squash but much larger. Often grows over 36 inches in length. Pkt. 15c; oz. 30c; ¼ lb. 90c; lb. \$3.00.

399 Banana (Pink)—105 days. This variety is similar to the Blue but the outside color is deep pink. Fruits will average 15 to 20 inches long and somewhat thicker than the Blue Banana, straight, rounded at stem end and pointed at blossom end. Flesh is thick and of excellent flavor. The seed cavity is small. Pkt. 15c; oz. 30c; ¼ lb. 90c; lb. \$3.00.

407 Banana (Orange)—105 days. Similar to pink Banana, but outside color is orange. Pkt. 15c; oz. 30c; ¼ lb. 90c; lb. \$3.00.



UNCONN SQUASH



BUTTERNUT SQUASH

406 Butternut—85 days. A new small Winter variety, with very much the delightful flavor of a sweet potato. The fruits are hard shelled, smooth, bottle shaped and yellowish brown. The seed cavity is very small and almost the whole fruit is clear, solid, high quality meat. Pkt. 15c; oz. 30c; ¼ lb. 90c; lb. \$3.00.

401 English Cream Marrow (Fordhook)—62 days. Fruits are somewhat ridged, otherwise smooth. Flesh cream colored and extremely thick and sweet. Pkt. 15c; oz. 30c; ¼ lb. 90c; lb. \$3.00.

403 Green Warted Hubbard—105 days. This is the standard winter squash for either home or market garden. Fruits are medium large, globular, 9 to 10 inches through. Dark bronze green, moderately warted. Very hard, strong rind. Flesh thick and deep orange yellow. Splendid quality, fine grained, and dry. Pkt. 15c; oz. 30c; ¼ lb. 90c; lb. \$3.00.

402 Golden Hubbard—100 days. A little earlier than the Green Hubbard and somewhat smaller. Flesh is of deeper color. Pkt. 15c; oz. 30c; ¼ lb. 90c; lb. \$3.00.

404 Uconn (AAS)—This gold medal winner is a bush type of Table Queen or Acorn squash. It has the delicious flavor and heavy bearing qualities of the Table Queen but the plant is a true bush type and only occupies a space of about 3x3 feet. Pkt. 15c; oz. 30c; ¼ lb. 90c; lb. \$3.00.

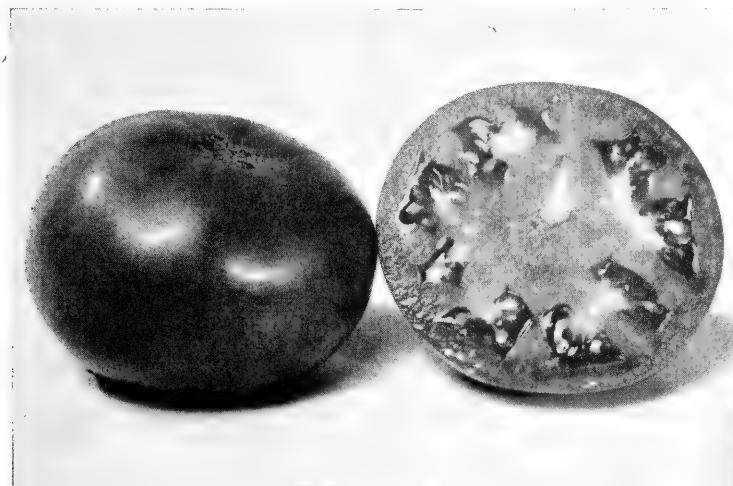
405 Table Queen (Acorn)—58 days. Fruits are pointed, acorn shape. Ridged skin, smooth dark green thin shell, excellent keeper. Flesh light yellow and is dry and sweet. Just the right size for baking whole. Pkt. 15c; oz. 30c; ¼ lb. 90c; lb. \$3.00.



TABLE QUEEN SQUASH

A&M TOMATOES

Culture—2 oz. seeds per acre planted in seed bed; 1 lb. to acre field planted; 1 oz. seed for 2,000 plants. Transplant from seed bed in rows 4 to 6 feet apart and 3 to 6 feet apart in the rows according to the variety. The varieties of upright growth can be spaced closer than the vining types. Plant deep so that the roots may be in the cool earth. The time of planting and variety depend upon your local market, soil and climatic conditions, and the purpose for which they are grown. Number of days to maturity is from planting of seeds in beds.



IMPROVED PEARSON TOMATO

408 Breeders Hybrid—65 days. True first generation (F_1) hybrid. An exceptionally good tomato for California, out-yielding Rutgers or Pearson. An all purpose, early midseason. Fruits medium to large, firm and scarlet-red in color. Pkt. (30 seeds) 35c; 2 pkts. 65c; 5 pkts. \$1.45; $\frac{1}{8}$ oz. \$8.00.

415 Jubilee—Bronze medal winner. Beautiful bright orange flesh and yellow skin. Compares favorably with best reds in shape, smoothness, quality and flavor. Fruits are free from cracking; solid with few seeds. Pkt. 15c; oz. \$1.60; $\frac{1}{4}$ lb. \$4.75.

412 Earlianæ—94 days. An early scarlet fruited variety. Fruits solid, meaty, medium size, and set in clusters. Vine does not make a large growth. Pkt. 15c; oz. \$1.00; $\frac{1}{4}$ lb. \$3.00; lb. \$10.00.

421 Wilt Resistant Stone—116 days. A wilt resistant variety. Fruits are of good size, very solid, and is a good shipper. Also an ideal sort for canning. The fruits are usually a little deeper than regular Stone. Pkt. 15c; oz. \$1.20; $\frac{1}{4}$ lb. \$4.00; lb. \$12.00.

417 Marglobe—114 days. A main crop variety used extensively by shippers. Has definite Fusarium Wilt disease resistance. Color is a deep scarlet. Fruits are globe shaped with solid meat and few seeds. Pkt. 15c; oz. \$1.00; $\frac{1}{4}$ lb. \$3.00; lb. \$10.00.

409 Pennheart—93 days. An extra early variety. Fairly large, solid, scarlet fruits. Plants compact. Pkt. 15c; oz. \$1.00; $\frac{1}{4}$ lb. \$3.65; lb. \$11.00.

410 Improved Pearson—114 days. One of the newer heavy yielding, self-topping varieties (i.e., the branch terminates in a flower cluster, making the plants more compact and less sprawling than standard vines). A very attractive fruit, slightly flattened globe in shape, deep red, smooth, tough skin and numerous cells. It averages slightly larger than Marglobe and seldom cracks. Valuable for green wrap shipping and for juice. Pkt. 15c; oz. \$1.50; $\frac{1}{4}$ lb. \$5.00; lb. \$15.00.

413 First Early—94 days. Extensively grown in the early producing sections such as Imperial Valley, Coachella Valley, Salt River Valley of Arizona, and other similar districts. It is uniform in size, smooth, inclined to globe shape, scarlet, medium in size and borne in clusters. We cannot recommend it too highly. Pkt. 15c; oz. \$1.00; $\frac{1}{4}$ lb. \$3.00; lb. \$10.00

424 Pritchard (Scarlet Topper)—100 days. A wilt resistant variety. Fruits are large, globular, with thick walls, and well braced by heavy cross sections. Color is scarlet, well colored at stem end. Flesh is firm and of good quality. Pkt. 15c; oz. \$1.00; $\frac{1}{4}$ lb. \$3.00; lb. \$10.00

Small Fruited Varieties

428 San Marzano—An Italian variety extensively used for the manufacture of paste and powder. Fruits are about $1\frac{1}{4}$ inches broad and $2\frac{1}{2}$ to 3 inches long, rounded at ends, and flat sided, interior is thick and devoid of juicy pulp. Color bright scarlet. Very productive. Pkt. 15c; oz. \$1.75; $\frac{1}{4}$ lb. \$5.85; lb. \$17.50.

429 Red Cherry—Round, scarlet, about 1 inch across. Borne in clusters. Very sweet. Pkt. 15c; oz. \$1.30; $\frac{1}{4}$ lb. \$4.40; lb. \$13.25.

425 Red Pear—A valuable sort for preserving. Has rank vine growth. Fruits small, 2 inches long, pear shaped. Pkt. 15c; oz. \$1.30; $\frac{1}{4}$ lb. \$4.40; lb. \$13.25.

426 Yellow Pear—Similar to the Red Pear except for color. Pkt. 15c; oz. \$1.30; $\frac{1}{4}$ lb. \$4.40; lb. \$13.25.

427 Ground Cherry—Used for preserving. Fruits small, round, borne singly and in papery envelopes, sweet flavor. Pkt. 15c; oz. \$1.20; $\frac{1}{4}$ lb. \$4.00; lb. \$12.00.

MARKET GROWERS — Tomatoes, First Early, Pearson and Pennheart are commercial varieties. Write for quantity prices.

A&M TURNIPS

Write for Quantity Prices

Culture— $\frac{1}{2}$ oz. to 50-foot row; 3 to 4 lbs. per acre. Sow in drills 10 to 12 inches apart and thin to 6 to 8 inches in the row.

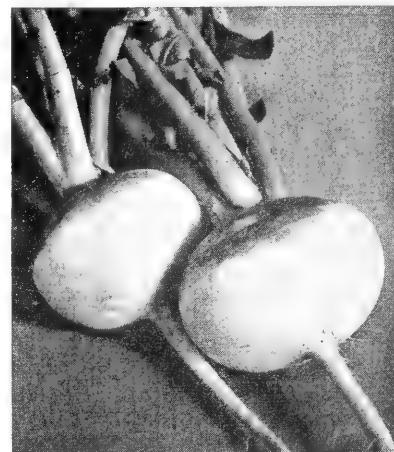
435 Early White Flat Dutch—46 days. Tops small, erect, and strap leaved. Roots flat, sweet, tender and white throughout. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

430 Golden Ball—60 to 65 days. Tops small, erect, cut leaved. Roots, medium, globular, smooth, orange yellow. Flesh firm, fine grained, and of excellent quality. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

431 Purple Top Globe—55 to 60 days. The all-purpose variety for the home and market garden. Tops are dark green, cut leaved, and erect. Roots large, globe shaped, smooth, upper part purple, under side white. Flesh is white, crisp, and tender. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

432 Purple Top Strap Leaf—45 days. An all-purpose variety. Roots flat, purplish red above ground and white below; flesh white, fine grained, mild. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

434 Snowball—45 days. Roots medium size, white throughout, crisp, tender, and sweet. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.



PURPLE TOP GLOBE TURNIP

RUTABAGA

Culture same as for Turnips

433 Purple Top—100 days. Tops small with a short neck. Roots large, spherical, deep purple red above ground, light yellow below, small tap roots. Flesh yellow, firm, and sweet, fine grained. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$1.50.

A&M PLANTING CALENDAR FOR SOUTHERN CALIFORNIA AND SIMILAR CLIMATES

FLOWERING ANNUALS, AND SOME PERENNIALS WHICH FLOWER FIRST SEASON FROM SEED	
Varieties Marked *	Are Best for Beds, Masses
Acroclinium	Linum
*African Daisy	Lobelia
Ageratum	Lupinus
Alyssum	Marigold
*Antirrhinum	Matricaria
Arctotis	Mignonette
*Asters	Mimulus
Balsam	Mirabilis
Bellis	Myosotis
Brachycome	Nasturtium
Cacalia	Nemesia
Calendula	Nemophila
*Calliopsis	Nicotiana
*Candytuft	Nigella
Carnation	Oenothera
*Celosia	Pansy
Centaurea	Petunia
*Chrysanthemum (Annual)	Phlox
Cineraria	Poppy
Clarkia	Portulaca
Cosmos	Rhodanthe
Dahlia	Rudbeckia
Dianthus	Salpiglossis
Dimorphotheca	Saxifrage
*Eschscholtzia	Scabiosa
Four O'Clock	Schizanthus
Gaillardia	Silene
Godecia	Stevia
Gomphrena	Stocks
Gypsophila	Sunflower
Helianthus	Sweet Peas
Helichrysum	Venidium
Hunnemannia	Verbena
Ice Plant	Vinca Rosea
Larkspur	Viola Cornuta
Lavatera	Wallflower
Leptosyne	Zinnia (Annual)

JANUARY

VEGETABLES—Seeds of Artichokes, Beets, Brussels Sprouts, Cabbage, Carrots, Celery, Chives, Cress, Egg Plant, Endive, Kale, Kohl Rabi, Lettuce, Mustard, Onions, Onion Sets, Parsley, Parsnip, Peas, Potatoes, Radish, Rhubarb, Salsify, Spinach (Winter), Swiss Chard, Tomatoes, Turnips.

FLOWERS—Sow Seeds in Open Ground: Acroclinium, Alyssum, Calendula, Calliopsis, Candytuft, Centaurea, Annual Chrysanthemums, Clarkia, Gilia, Godecia, Larkspur, Lupine, Mignonette, Nigella, Poppies, California Poppy, Scabiosa, Schizanthus, Sweet Peas, Wild Flower Mixture. **Sown in Seed Flats:** Aquilegia, Cyclamen, Delphinium, Phlox, Snapdragon.

BULBS: Amaryllis, Anemones, Callas, Gladiolus, Daffodils, Lilies, Ranunculus, Tuberous Begonias, and all Dutch Bulbs.

FEBRUARY

VEGETABLES—Seeds of Artichoke, Asparagus, Beans, Beets, Cabbage, Carrots, Celery, Egg Plant, Endive, Kale, Kohl Rabi, Lettuce, Mustard, Onions, Onion Sets, Parsley, Parsnips, Peas, Peppers, Potatoes, Radish, Rhubarb, Salsify, Spinach (Winter), Squash, Swiss Chard, Tomatoes, Turnips.

FLOWERS—Sow Seeds in Open Ground: Acroclinium, African Daisy, Alyssum, Amaranthus, Anagallis, Anchusa, Arctotis, Calendula, Calliopsis, Candytuft, Centaurea, Cheiranthus, Clarkia, Early Flowering Cosmos, California Poppy, Cynoglossum, Dahlia, Godecia, Gypsophila, Hunnemannia, Larkspur, Linaria, Linum, Lupines, Mignonette, Nasturtium, Nemophila, Nigella, Australian Pea Vine, Phlox, Poppies, Ricinus, Scabiosa, Schizanthus, Sweet Peas, Venidium, Virginian Stocks, Wildflower Mixture. **Sow in Seed Flats:** Ageratum, Aquilegia, Asters, Begonia, Bellis Perennis, Coreopsis, Dahlia, Delphinium, Dianthus, Digitalis, Gaillardia, Geums, Hollyhock, Lobelia, Myosotis, Penstemon, Petunia, Salvia, Shasta Daisy, Statice, Stocks, Thunbergia, Verbenas, Viola Cornuta.

BULBS: Amaryllis, Callas, Lilies, Gladiolus, Tuberous Begonias.

MARCH

VEGETABLES—Seeds of Artichoke, Asparagus, Beans, Beets, Cabbage, Carrots, Casaba, Celery, Chives, Corn, Cucumbers, Egg Plant, Endive, Gourds, Kale, Lettuce, Melons, Okra, Onions, Onion Sets, Parsley, Parsnip, Peas, Peppers, Potatoes, Pumpkin, Radish, Rhubarb, Roselle, Salsify, Spinach (Summer), Squash, Swiss Chard, Tomatoes.

FLOWERS—Sow Seeds in Open Ground: Acroclinium, Ageratum, Alyssum, Amaranthus, Anagallis, Anchusa, Arctotis grandis, Balsam, Candytuft, Calendula, Calliopsis, Celosia, Centaurea, Cheiranthus, Cynoglossum, Early Cosmos, Dahlia Seed, Gypsophila, Helichrysum, Hunnemannia, Larkspur, African Marigold, Mignonette, Nasturtium, Nicotiana, Nigella, Oenothera, Painted Daisy, Petunia, Phlox Drummondii, Portulaca, Rhodanthe, Ricinus, Salpiglossis, Scabiosa, Sunflower, Tithonia, Valeriana, Verbena, Virginian Stocks, Wallflower, Zinnia, Vine Seeds. **Sow in Seed Flats:** Asters, Carnation, Didiscus, African Marigold, Nicotiana, Petunia, Primula, Salvia, Statice, Stocks, Verbena. **Perennials** may be sown now for fall transplanting.

BULBS: Dahlias, Gladiolus, Tuberous Begonias.

APRIL

VEGETABLES—Seeds of Artichoke, Asparagus, Beans, Beets, Cabbage, Carrots, Casaba, Cauliflower, Celery, Chives, Corn, Cucumber, Egg Plant, Gourds, Kale, Lettuce, Lima Beans, Melons, Okra, Onions, Parsley, Parsnip, Peppers, Potatoes, Pumpkin, Radish, Rhubarb, Roselle, Salsify, Spinach (Summer), Squash, Swiss Chard, Tomatoes.

FLOWERS—Sow Seeds in Open Ground: Acroclinium, Ageratum, Amaranthus, Anagallis, Anchusa, Arctotis grandis, Balsam, Candytuft, Calendula, Calliopsis, Celosia, Centaurea, Cheiranthus, Cynoglossum, Early Cosmos, Dahlia Seed, Gypsophila, Helichrysum, Hunnemannia, Larkspur, African Marigold, Mignonette, Nasturtium, Nicotiana, Nigella, Oenothera, Painted Daisy, Petunia, Phlox Drummondii, Portulaca, Rhodanthe, Ricinus, Salpiglossis, Scabiosa, Sunflower, Tithonia, Valeriana, Verbena, Virginian Stocks, Wallflower, Zinnia, Vine Seeds. **Sow in Seed Flats:** Asters, Carnation, Didiscus, African Marigold, Nicotiana, Petunia, Primula, Salvia, Statice, Stocks, Verbena. **Perennials** may be sown now for fall transplanting.

BULBS: Dahlias, Gladiolus, Tuberous Begonias.

MAY and JUNE

VEGETABLES—Seeds of Beans, Beets, Cabbage, Carrots, Casaba, Cauliflower, Celery, Corn, Cucumber, Gourds, Kale, Lettuce, Lima Beans, Melons, Okra, Parsley, Parsnip, Peppers, Pumpkin, Radish, Salsify, Spinach (Summer), Squash, Swiss Chard, Tomato.

FLOWERS—Sow Seed in Open Ground: Ageratum, Alyssum, Amaranthus, Arctotis Grandis, Balsam, Calliopsis, Candytuft, Celosia, Centaurea, Cosmos, Cynoglossum, Dimorphotheca, Gypsophila, Helichrysum, Larkspur, African Marigold, Mignonette, Nasturtium, Nigella, Oenothera, Painted Daisy, Phlox Drummondii, Portulaca, Ricinus, Salpiglossis, Scabiosa, Sunflower, Zinnia, Vine Seeds. **Sow in Seed Flats:** Asters, Carnation, Dianthus, Gomphrena, Nicotiana, Petunia, Salvia, Statice. Nearly all Perennials may be sown for fall transplanting.

BULBS: Dahlias.

JULY and AUGUST

VEGETABLES—Beets, Beans (early varieties), Broccoli, Brussels Sprouts, Cabbage, Carrots, Cauliflower, Celery, Corn, Cucumber, Endive, Kale, Kohl Rabi, Leek, Lettuce, Mustard, Okra, Parsley, Radish, Salsify, Spinach (Summer), Swiss Chard, Turnips.

FLOWERS—Sow Seed in Open Ground: African Marigold, Calendula, Centaurea, Early Cosmos, French Marigold, Gypsophila, Nasturtium; Phlox, Salpiglossis, Winter Flowering Sweet Peas, Zinnia. **Sow in Seed Flats:** Calceolaria, Cineraria, Pansy, Phlox, Snapdragons, Stocks, Verbena, Viola, Wildflower and Perennials.

SEPTEMBER

VEGETABLES—Seeds of Beets, Beans, Broccoli, Brussels Sprouts, Cabbage, Carrots, Cauliflower, Endive, Kale, Kohl Rabi, Leek, Lettuce, Mustard, Onions, Onion Sets, Parsley, Parsnip, Peas, Radish, Salsify, Spinach (Winter), Swiss Chard, Turnips.

FLOWERS—Sow Seeds in Open Ground: Baronia, Calendula, Centaurea, Early Cosmos, Dimorphotheca, French Marigolds, Gypsophila, Larkspur, Linum, Nasturtium, Nemesia, all Poppies, Salpiglossis, Wildflower Mixture, Winter Sweet Peas. **Sow in Seed Flats:** Calceolaria, Coreopsis, Cineraria, Pansy, Petunia, Phlox, Scabiosa, Snapdragon, Stocks, Verbena, Viola, Wallflower.

BULBS: Amaryllis, Anemone, Daffodils, Freesias, Ranunculus, Sparaxis, Watsonia, and all Dutch Bulbs.

OCTOBER and NOVEMBER

VEGETABLES—Seeds of Beets, Broccoli, Brussels Sprouts, Cabbage, Carrots, Cress, Endive, Kale, Kohl Rabi, Leek, Lettuce, Mustard, Onions, Onion Sets, Parsley, Parsnip, Peas, Potatoes, Radish, Salsify, Spinach, Swiss Chard, Turnips.

FLOWERS—Sow Seed in Open Ground: Acroclinium, Alyssum, Baronia, Candytuft, Calendula, California Poppy, Centaurea, Clarkia, Dimorphotheca, French Marigolds, Godecia, Larkspur, Linum, Lupine, Mignonette, Nemesia, Nemophila, Nigella, Painted Daisy, all Poppies, Ranunculus Seeds, Schizanthus, Winter Flowering Sweet Peas, Wild Flower Mixture. **Sow in Seed Flats:** Carnation, Hollyhock, Pansy, Petunia, Phlox, Scabiosa, Snapdragon, Stocks, Verbena, Viola, Wallflower and Perennials.

BULBS: Amaryllis, Anemones, Callas, Daffodils, Freesias, Lilies, Ranunculus, Sparaxis, Watsonia, and all Dutch Bulbs.

DECEMBER

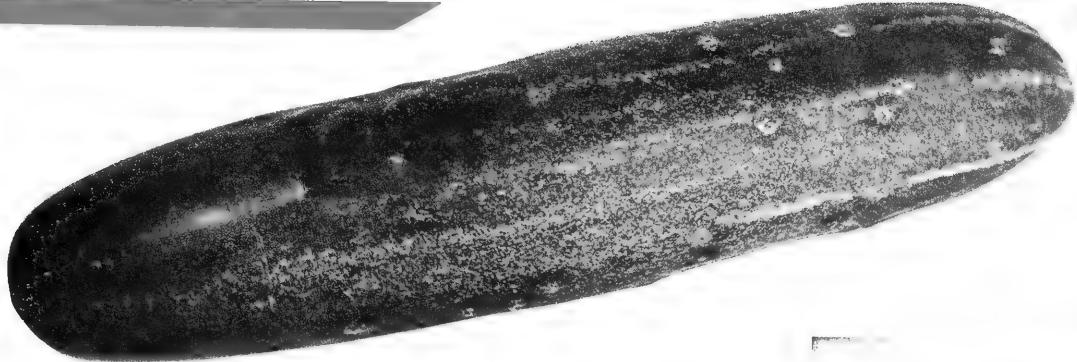
VEGETABLES—Seeds of Beets, Brussels Sprouts, Cabbage, Carrots, Cress, Endive, Kale, Kohl Rabi, Leek, Lettuce, Mustard, Onions, Onion Sets, Parsley, Parsnip, Peas, Potatoes, Radish, Salsify, Spinach (Winter), Swiss Chard, Turnips.

FLOWERS—Sow Seeds in Open Ground: Acroclinium, Alyssum, Calendula, California Poppy, Calliopsis, Candytuft, Annual Chrysanthemums, Clarkia, Dianthus, Lupine, Mignonette, Nemesia, Nigella, Poppies, Standard Sweet Peas, Schizanthus, California Wild Flowers. **Sow in Seed Flats:** Annual Canterbury Bells, Aquilegia, Larkspur, Pansy, Phlox, Snapdragons, Stocks, Verbena, Viola, Wallflower.

BULBS: Amaryllis, Anemones, Callas, Daffodils, Freesias, Gladiolus, Lilies, Rununculus, Watsonia and all Dutch Bulbs.



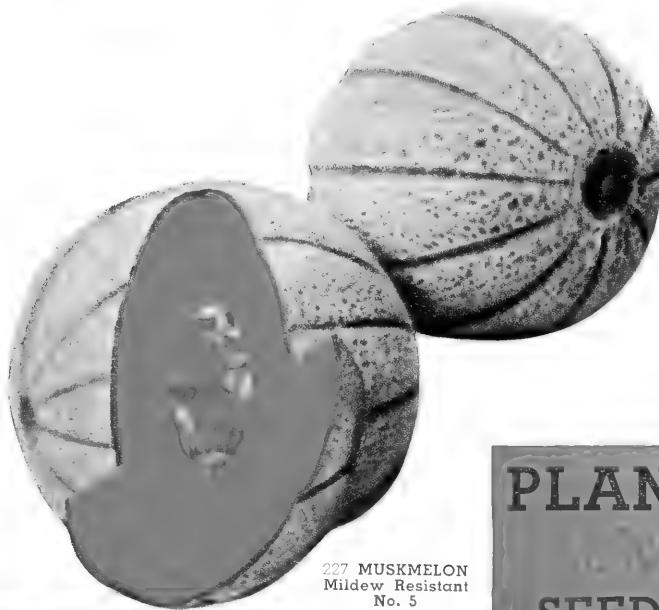
151
COLORADO CUCUMBER
Pkt. 15c



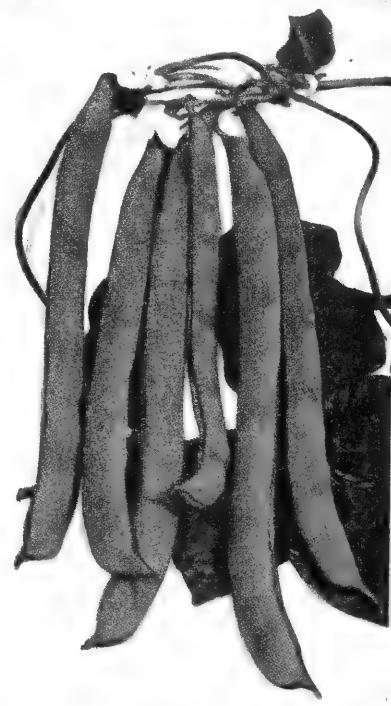
A&M
VEGETABLE
SEED
IS



for your
protection
and
to promote
sturdy
growth



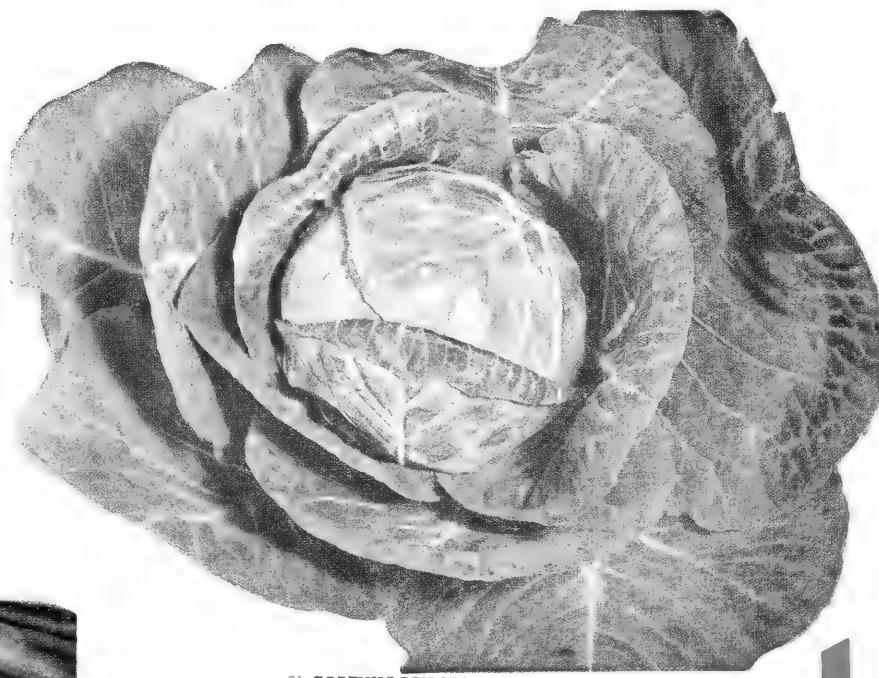
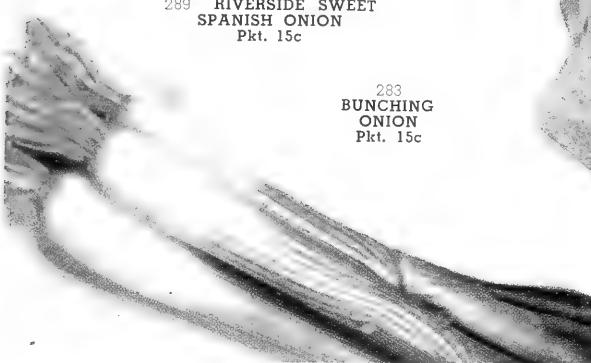
227 MUSKMELON
Mildew Resistant
No. 5
Pkt. 15c



42 KENTUCKY WONDER POLE BEAN. Pkt. 10c

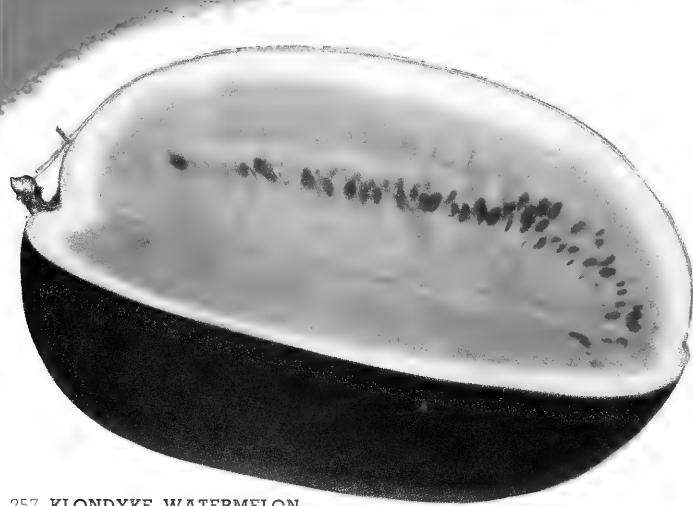
289 RIVERSIDE SWEET
SPANISH ONION
Pkt. 15c

283
BUNCHING
ONION
Pkt. 15c

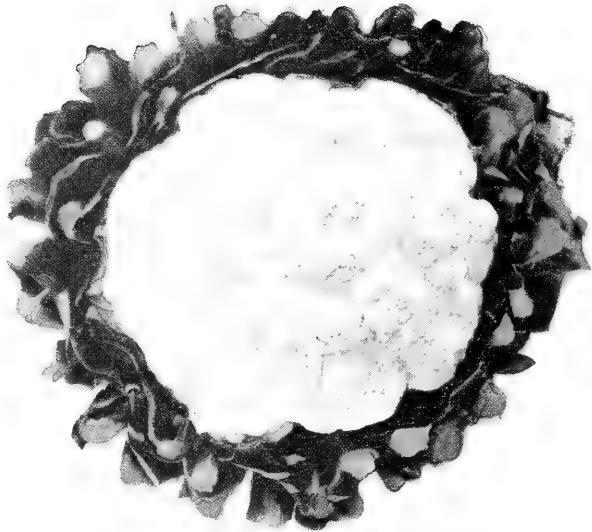


81 COPENHAGEN MARKET CABBAGE. Pkt. 10c

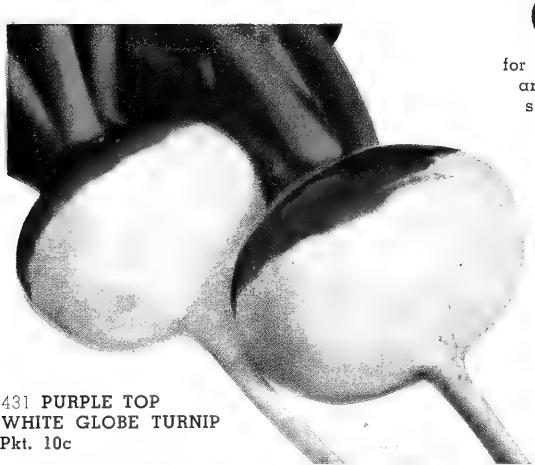
A&M Vegetable Seeds



257 KLONDYKE WATERMELON
Pkt. 15c



108 EARLY SNOWBALL CAULIFLOWER—Pkt. 15c



431 PURPLE TOP
WHITE GLOBE TURNIP
Pkt. 10c



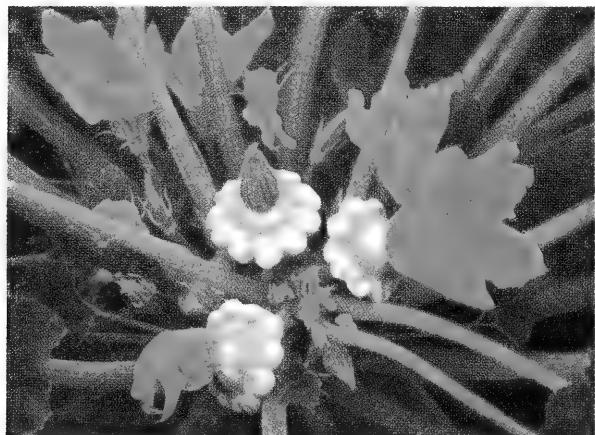
for your protection
and to promote
sturdy growth



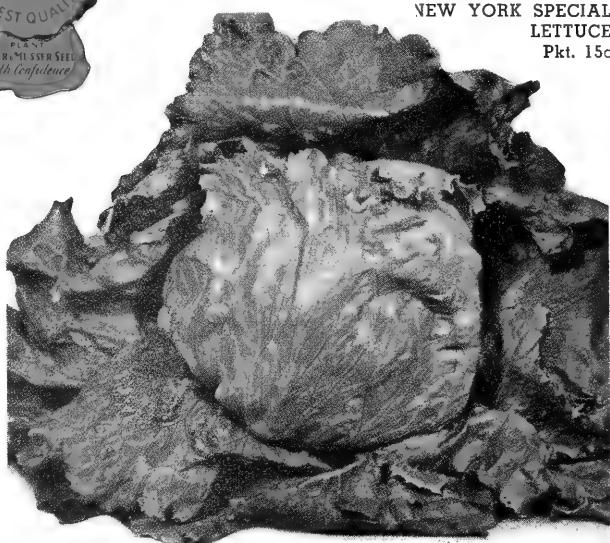
410 PEARSON TOMATO—Pkt. 15c



215
NEW YORK SPECIAL
LETTUCE
Pkt. 15c



395 GREEN TINT WHITE BUSH SCALLOP SQUASH
Pkt. 15c



A&M RELIABLE FLOWER SEEDS

ALL PRICES INCLUDE DELIVERY BY MAIL IN U.S.A.

WHERE QUANTITIES ARE OFFERED THE WEIGHTS MENTIONED ARE THE SMALLEST UNITS
WE SUPPLY

Aggeler & Musser Packet Seeds are double treated to protect the young plants from damping off and to promote sturdy growth. Buy them from your dealer, or if more convenient, use the order blank in this catalog and mail your order to us direct. **Buy Aggeler & Musser Reliable Seeds with confidence . . . they are the same high quality wherever sold.**

ACROCLINIUM

Hardy annual everlasting flowers. Should be cut the first day they open. Sow in the open ground in fall or spring until June. Height 20 inches.

506 **Sensation Giants**—The completely double flowers are borne on extra long wiry stems and average 3 inches in diameter, with a color range from rose to light pink. **Pkt. 25c.**

507 **Large Flowered Hybrids**—Not as large blooms as above but has a color range including pink, salmon, cream and white. In mixture only. **Pkt. 15c.**

AGERATUM (Floss Flower)

A hardy annual of easy culture, especially valuable for bedding as it is literally covered with clusters of small fuzzy blossoms all summer. Sow the seed early in the spring, either in boxes to transplant or out of doors and thin to 4 to 6 inches.

515 **Midget Blue**—Very dwarf being only 2 to 3 inches high. **Pkt. 15c.**

514 **Blue Perfection**—Deep blue, 1 foot high. **Pkt. 15c; 1/4 oz. 90c.**

518 **Blue Cap**—Very dwarf and compact. Flowers are a rich deep blue. **Pkt. 25c; 1/16 oz. 50c.**

ALYSSUM

Very fragrant and hardy, bearing spikes of small four-petaled flowers in great profusion almost continuously throughout the year. One of the best border or rockery plants. Thrives in sun or partial shade.

520 **Royal Carpet** (Annual) AAS '52—A wonderful companion to Carpet of Snow, having the same long growing, spreading habit—only 3 inches tall—but with a rich violet-purple color. **Pkt. 25c; 3 pkts. 60c.**

522 **Violet Queen** (Annual)—Dwarf, bright violet. **Pkt. 15c; 1/4 oz. 60c.**

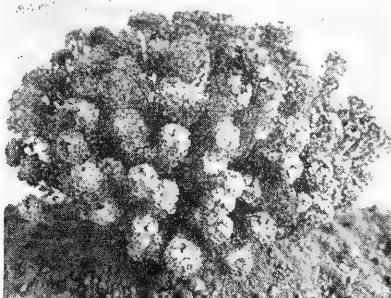
523 **Carpet of Snow** (Annual)—Very compact, about 3 inches high, one plant often having a diameter of 15 in. **Pkt. 10c; 1/4 oz. 45c.**

524 **Little Gem** (Annual)—Grows 4 to 6 inches high. One of the finest for low beds and borders. **Pkt. 15c; 1/4 oz. 40c; oz. \$1.20.**

525 **Sweet White** (Annual)—8 to 12 inches. A profuse bloomer. **Pkt. 10c; oz. 85c; 1/4 lb. \$2.50; lb. \$9.00.**

527 **Saxatile Yellow**—A perennial variety of pleasing yellow color. Height 1 foot. **Pkt. 15c.**

528 **Rock Garden Perennial Mixed**—Rare yellow varieties. **Pkt. 15c.**



VIOLET QUEEN ALYSSUM

All Aggeler & Musser PACKET Seeds Are Now NEW METHOD DOUBLE TREATED



To promote better germination, resistance to damping off and more sturdy growth. Look for this trade-mark on the packet.

AMARANTHUS

536 **Molten Fire**—Hardy annual, grown especially for its brilliant foliage. The top leaves being bright crimson and the lower maroon. Height 5 feet. **Pkt. 10c.**

537 **Tricolor (Joseph's Coat)**—Very showy. Variegated red, green and white. **Pkt. 10c.**

ANAGALLIS

Compact plants bearing numerous small five-petaled flowers. Very desirable annual for edging and rock gardens. 6 to 12 inches. Sow seed in open ground in fall or spring.

543 **Grandiflora Mixed**—Compact plants covered with five-petaled flowers about one inch in diameter. Beautiful shades of scarlet, blue, lavender, etc. **Pkt. 15c; 1/4 oz. 35c.**

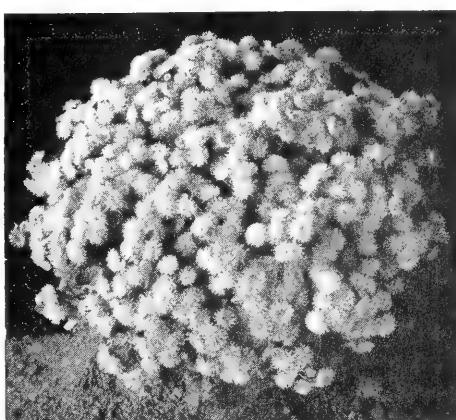
ANEMONE (Windflower)

This lovely poppy-like flower may be grown from seed or bulbs. The seed can be sown in the fall or spring in beds or flats.

550 **French Single Coronaria**—Large single flowers. **Pkt. 25c; 1/4 oz. 55c.**

FOR EDGINGS and BORDERS

Ageratum	Lobelia
Alyssum	Marigold (Dwarf)
Asters (Dwarf)	Myosotis
Begonia	Nasturtium
Bellis	Nemophila
Candytuft	Pansy
Centaurea	Phlox Drummondii
Candidissima	Petunia Nana Erecta
Coleus	Shasta Daisy
Dianthus	Sweet Peas Cupid
Dimorphotheca	Viola
Gomphrena	Zinnia (Dwarf)



MIDGET BLUE AGERATUM



ACROCLINIUM

ANCHUSA

Sow perennial varieties in summer or early fall, annual varieties in fall or early spring.

547 **Blue Bird**—Vivid indigo blue flowers. Makes striking bed or border. Annual. Height 2 feet. **Pkt. 15c; 1/4 oz. 35c.**

546 **Italica Dropmore Variety**—One of the best hardy perennials, growing 3 to 5 feet high, and having long loose sprays of lovely forget-me-not-like flowers of a rich gentian blue. **Pkt. 15c; 1/4 oz. 35c.**

548 **Italica Lissadell**—Beautiful gentian blue flowers produced in long, graceful sprays excellent for cutting. 6 feet in height. Perennial. **Pkt. 10c; 1/4 oz. 45c.**

ANTIGONON LEPTOPUS

553 **Antigonon Leptopus**—Sometimes called Queen's Wreath and Rosa de Montana. A lovely vine bearing quantities of rose-pink flowers in wreaths. Blooms in summer and fall. Thrives in hot sunny situations and if cut down by the frost will come up again in spring. **Pkt. 15c; 1/4 oz. 65c.**



MIXED ANAGALLIS

A&M ANTIRRHINUM (Snapdragons)

An exceptionally wide range of colors are now available in this favorite flower; some are of the most beautiful pastel shades, while others are rich and warm in their colorings. Snapdragons are easily grown from seed and may be sown in flats or open ground from August to January in Southern California.

Giant Ruffled Tetraploid

571 Tetra Mixed—A new strain with extra large florets, many of them ruffled, in a wide range of rich, harmonious colors. The plants grow to a height of about 2½ feet and are base branching, making them excellent for cutting. The flower spikes are long and have as many as 25 flowers in full bloom at one time. **Pkt. 25c; 3 pkts. for 60c.**

Rust-Resistant Super Majestic

A superb base branching strain which is excellent for all garden purposes and as a cut flower. The flower spike is longer than the Nanum, with the exceptionally large flowers placed close together. Height 2 feet.

568 Super Majestic Mixed—A superb mixture containing many colors. **Pkt. 25c; 3 pkts. for 60c.**

Rust-Resistant Maximum

These plants with their healthy, glistening foliage, bear beautiful spikes of large flowers on long stems, with 12 to 18 stems to a plant. Height 3½ feet.

575 Alaska—Pure white. **Pkt. 25c.**

577 Campfire—Luminous scarlet, with yellow lip. **Pkt. 25c.**

578 Canary Bird—Canary Yellow. **Pkt. 25c.**

579 Copper King—A large flower of rich burnished copper. **Pkt. 25c.**

581 Crimson—Pure crimson overlaying a ground of orange. **Pkt. 25c.**

583 Loveliness—Soft rose pink with yellow lip. **Pkt. 25c.**

585 Paradise Rose—Bright rose. **Pkt. 25c.**

586 Pink Sensation—Pure bright pink. **Pkt. 25c.**

587 Yellow Giant—Deepest yellow. **Pkt. 25c.**

588 Maximum Mixed—Wonderful range of popular colors. **Pkt. 25c; 3 pkts. 60c.**

**COLLECTION of one packet each of 60c
any three separate colors.....**

Rust-Resistant Nanum Semi-Dwarf Large Flowering

The best for bedding and because of the large-flowered, compact spike is considered fine for cutting. Height about 18 inches.

601 Mixed—A splendid mixture with a wide range of brilliant colors. **Pkt. 15c; 2 pkts. 25c.**

Rust-Resistant Majus Tall Large Flowering

This type grows about 3 feet tall, the flowers are large and the flower spikes long. Splendid for cutting and tall borders.

599 Mixed—Beautiful art shades of old gold, orchid, orange, etc. **Pkt. 15c; 2 pkts. 25c.**

600 University of California Mixed—The original strain of Rust Resistant Snapdragon. A well balanced mixture. **Pkt. 15c; 1/16 oz. 20c.**



GIGANTIC RUFFLED TETRAPLOID
SNAPDRAGONS

ASPARAGUS—FERN

632 Plumosus—A tender perennial for potted plant use, with long, fine, feathery foliage. The sprays when cut retain their freshness in water from three to four weeks. **Pkt. 20c.**

633 Sprengeri—A hardy variety. Used as a pot plant. Suitable in groups of potted flowers or in hanging baskets. **Pkt. 20c.**

AUSTRALIAN PEA VINE

(*Dolichos Lignosus*)

770 Australian Pea Vine—A rapid growing evergreen climbing perennial, flowering freely in clusters of pea-shaped rose flowers. For covering arbors, trellises, etc. **Pkt. 15c; 1/4 oz. 65c.**

AQUILEGIA (Columbine)

A hardy perennial of graceful habit growing about 2 feet high. The flowers are attractive and beautifully adapted for cut flowers. They may be successfully grown in partial shade. Fall sown seed will bloom the following spring. If sown in early spring, will often flower the same season. Time required for seed to germinate is 12 to 60 days. Sow seeds in flats and transplant.

612 Long Spurred Crimson Star—Bright crimson and white. **Pkt. 25c.**

614 Long Spurred Blue Shades—**Pkt. 25c.**

615 Long Spurred Copper Queen—Rich shades of copper red. **Pkt. 25c.**

616 Long Spurred Pink Shades—**Pkt. 25c.**

617 Long Spurred Orange and Scarlet Shades—Very striking. **Pkt. 25c.**

618 Long Spurred Snow Queen—Pure white. **Pkt. 25c.**

619 Long Spurred Hybrids Mixed—A splendid mixture. **Pkt. 15c.**

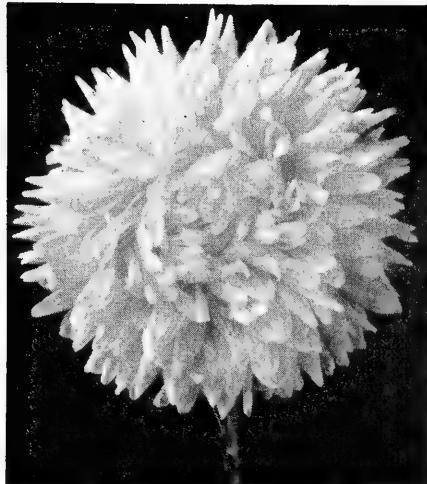
620 Improved Elliott Hybrids, Mixed—This is conceded to be finest grown. Colors are mixed, stems extra long, fine for cutting. **Pkt. 25c; 1/16 oz. 60c.**

FRAGRANT FLOWERS:

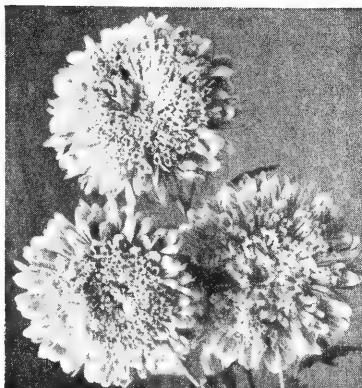
Alyssum, Carnation
Dianthus, Heliotrope,
Mignonette,
Nicotiana Affinis,
Stocks, Sweet Peas,
Sweet William,
Violets,
Wallflower.

→
A PLANTING OF
AQUILEGIAS
(Columbines)

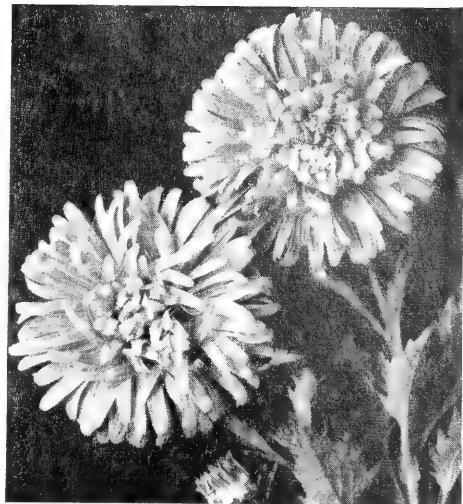




AMERICAN BEAUTY ASTER



PRINCESS ASTER



CREGO ASTERS

A&M ASTERS

With the development of Wilt-Resistant Asters it is now possible to grow Asters successfully even though your soil has been planted to Asters previously. Sow in seed boxes from February to June and transplant as soon as the plants have attained sufficient size.

Queen of the Market

Wilt-Resistant. An early flowering Aster, blooms at least two weeks earlier than other Asters planted at same time. Of branching habit and good for cutting. Height 18 to 20 inches.

757 Mixed Colors—Pkt. 15c; 1/8 oz. 30c.

Ostrich Feather Improved

Wilt-Resistant. Flowers similar to California Giant. Branching habit with long stems; height 30 inches.

749 Azure Blue 752 Peach Blossom
748 Crimson 751 Shell Pink
753 Purple 754 White
750 Rose 755 Mixed

Pkt. 15c; 1/8 oz. 25c.

Heart of France

764 Heart of France—Wilt-Resistant. Beautiful bright red with branching habit; height 20 to 24 inches. Pkt. 15c; 1/8 oz. 60c.

Princess

Large flowers with crested center that remains full when flower is fully open, surrounded by multiple rows of guard petals.

733 Mixed—Pkt. 15c; 1/8 oz. 70c.

Early American Beauty

Wilt-Resistant. Early plantings will bloom in July. Successive plantings will provide flowers until frost. Plants are 2 1/2 to 3 feet high. Large well-formed flowers borne on long, stout stems.

736 Crimson 740 Purple
735 Deep Rose 739 Shell Pink
737 Lavender 738 White

Pkt. 20c; 1/8 oz. 45c.

741 Mixed—A splendid mixture of all colors. Pkt. 15c; 1/8 oz. 35c

American Branching

Wilt-Resistant. An excellent free-blooming variety of branching habit and vigorous growth. Good variety for large beds and borders. Height 24 inches.

742 Azure Blue 744 Purple
743 Deep Rose 746 White
745 Peach Blossom
Pkt. 15c; 1/8 oz. 35c.
747 Mixed—Pkt. 15c; 1/8 oz. 35c.

California Giant

Large fluffy flowers with delicately curled and interlaced petals. One of the best varieties for cutting. Height 2 1/2 to 3 feet.

- 634 Los Angeles—Clear pink.
 - 635 Rose Marie—Rich rose.
 - 637 Apple Blossom—Shell pink.
 - 638 Crimson.
 - 640 Light Blue—Azure blue.
 - 639 Light Purple—Green stem.
 - 641 Peach Blossom—Pink.
 - 642 Purple—Dark stem.
 - 643 Deep Rose—Rich dark rose.
 - 644 White—Pure white.
 - 645 Mixed—Contains all of the above colors.
- All at Pkt. 25c; 1/8 oz. 70c.

COLLECTION 37-A—One packet each **60c**
of 3 named varieties, your selection

Giant California Sunshine

Considered by many to be the most beautiful of all Asters. The single row of outer petals are of varying shades of pink, rose, lavender and blue. The center quilled petals are light yellow, providing a pleasant contrast. Height 46 in.

636 All Shades in Mixture—Pkt. 25c; 1/8 oz. 55c.

Single Asters

Naturally Resistant to Wilt

731 Rainbow Mixture—An excellent Aster for the home gardener. A well-balanced assortment of pink and lavender shades. Splendid for cutting or garden display. Pkt. 15c; 1/4 oz. 35c.

Wilt Resistant Super Giant

These magnificent Asters are similar in form to the California Giants but even larger, the flowers often measuring 6 inches across. Height 2 feet.

- 650 Beverly Hills—Azure blue.
 - 651 El Monte—Crimson.
 - 652 Hollywood—White.
 - 653 Pasadena—Peach blossom.
 - 654 Santa Barbara—Dark purple.
 - 655 Finest Mixed.
- Pkt. 25c; 1/8 oz. \$1.00.



Camellia Flowered BALSAM

BALLOON VINE

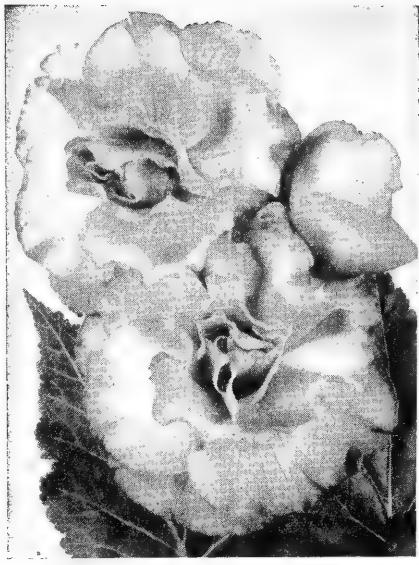
772 Balloon Vine (Love-in-a-Puff)—Climbing annual with small white flowers. The seed pods are curiously swelled or puffed and quite attractive. Pkt. 10c.

BRACHYCOME

792 Mixed Swan River Daisy—A charming annual. The plants, which grow about 10 inches high, are covered with small Cineraria-like blooms in shades of blue and lavender. Pkt. 15c; 1/4 oz. 65c.

CACTUS

799 Mixed Varieties—Sow in flats half sand and half leaf mold and cover seed very lightly. Cover the flat with glass and place in a warm situation. Keep slightly moist. Pkt. 25c.



TUBEROUS ROOTED BEGONIA

BEGONIA

Very attractive flower for both pot and bedding use, and for shady borders. Perennial. 785 **Prima Donna**—Clear pink shading to carmine rose. Height 1 foot. Pkt. 25c.

783 **Christmas Cheer**—Large flowers of a rich carmine-scarlet. Pkt. 25c.

784 **Gracilis Luminosa**—Large bright, scarlet flowers; foliage reddish brown. Pkt. 25c.

782 **Isle de France**—Pure white. Pkt. 25c.

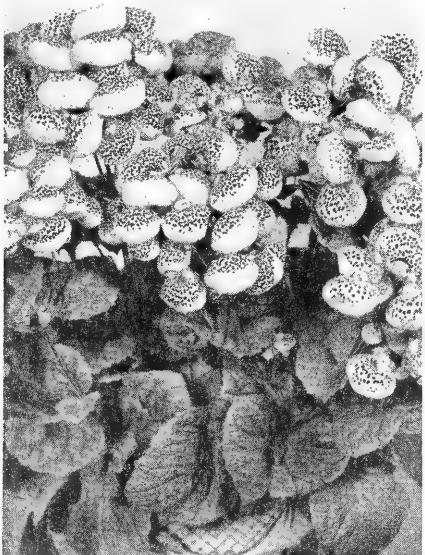
786 **Semperflorens Mixed**—Pkt. 25c.

787 **Tuberous Rooted Double Mixed**—Large double flowers of many colors. Pkt. \$1.50.

Tubers—See page 2A.

CALCEOLARIA

801 **Grandiflora Tall Tigered Mixed**—The flowers are pocket shaped, beautifully tigered or spotted and are borne in great profusion. For best results the seed should be sown in a greenhouse or frame from May to September. Height 15 inches. Annual. Pkt. 50c.



CALCEOLARIA

A&M CALENDULA

Pot Marigold

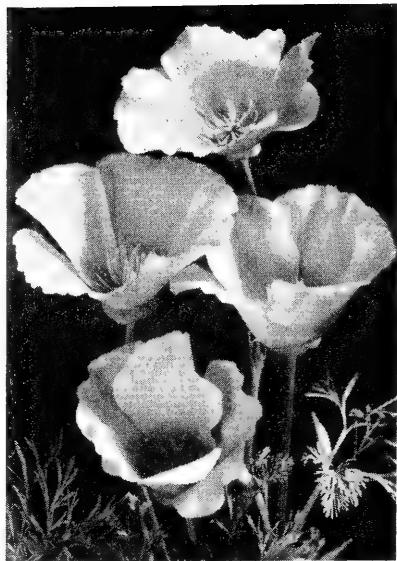
Very hardy annual, 1 to 2 feet, blooming freely practically the whole year round. It is one of the easiest culture and will thrive in rather inferior soils, where less sturdy flowers do not. Calendulas make one of our finest winter flowers. A hard frost will not hurt them. In fact, flowers are larger and finer during the winter and spring months. When plants are 2 inches high thin to 8 inches apart.

815 **Pacific Beauty Mixed**—Uniformly large flowers with extra long stems. Many new and charming pastel shades. Heat resistant. Pkt. 25c; $\frac{1}{4}$ oz. 30c.

803 **Colossal**—An extra large flowered lemon colored Calendula which is free flowering. Pkt. 15c; $\frac{1}{4}$ oz. 30c.

814 **Orange Fantasy**—A beautiful shade of rich coppery orange edged mahogany red. Pkt. 15c; $\frac{1}{4}$ oz. 30c.

804 **Frilled Beauty**—Delightfully informal flowers with beautifully laciniated and frilled petals. Large, deep orange. Pkt. 15c; $\frac{1}{4}$ oz. 30c.



ESCHSCHOLTZIA

A&M CALIFORNIA POPPY

Eschscholtzia

One of the finest garden annuals and very easy to grow. The newer varieties with their feathery foliage and brilliant coloring make a truly beautiful garden subject as well as a good cut flower. Broadcast the seeds during the fall for early spring flowers.

1060 **Aurantiaca**—The true California Poppy. Color is deep orange. Pkt. 10c; oz. 55c; $\frac{1}{4}$ lb. \$1.50; lb. \$5.50.

1062 **Golden West**—Yellow with orange center. Pkt. 10c; oz. 65c.

1067 **Brilliant Mixed**—Contains a wide range of colors. Pkt. 25c; oz. 80c; $\frac{1}{2}$ lb. \$4.00.

1065 **Fine Mixed**—Contains only shades of yellow, orange and white. Pkt. 10c; oz. 50c; $\frac{1}{2}$ lb. \$2.50.



PACIFIC BEAUTY CALENDULAS

802 **Chrysanthia (Sunshine)**—Buttercup yellow with long curving petals. Pkt. 15c; $\frac{1}{4}$ oz. 30c.

806 **Campfire Improved**—Largest of all. A brilliant orange color with a scarlet sheen. Pkt. 15c; $\frac{1}{4}$ oz. 30c.

807 **Ball's Orange**—Deep glowing orange. Large double flowers. Pkt. 15c; $\frac{1}{4}$ oz. 30c.

808 **Ball's Gold**—Deep golden yellow flowers borne on long stems. Pkt. 15c; $\frac{1}{4}$ oz. 30c.

810 **Orange King**—Giant flowers. Color pure orange. Pkt. 15c; $\frac{1}{4}$ oz. 30c.

811 **Lemon Queen**—Like the above, but of pure lemon. Pkt. 15c; $\frac{1}{4}$ oz. 30c.

812 **Double Mixed**—A good mixture. Pkt. 10c; 1 oz. 75c.

All Aggerer & Musser PACKET Seeds Are Now NEW METHOD DOUBLE TREATED



To promote better germination, resistance to damping off and more sturdy growth. Look for this trade-mark on the packet.

CALIFORNIA WINDBREAK

816 **Lavatera Assurgentiflora**—This evergreen perennial shrub is easily grown from seed, is very drought-resistant and makes one of the quickest and best windbreaks known in California. The first year from seed it will grow to a height of at least 6 feet and flower, the flowers being an attractive shade of red. Can be trimmed as a hedge or left to grow naturally. Sow in flats and set out plants 3 feet apart. Pkt. 15c; oz. \$1.00; $\frac{1}{4}$ lb. \$3.00.

CALLIOPSIS

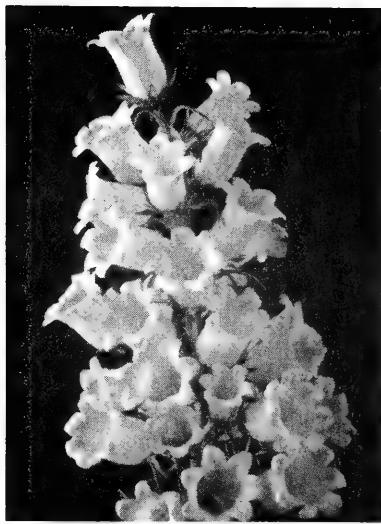
These graceful daisy-like flowers afford a constant supply of richly marked flowers for cutting. The tall varieties often reach a height of 3 feet. The dwarf varieties make splendid borders and low beds. Sow in open ground in spring. Annual.

820 **Dwarf Mixed**—A splendid mixture of all varieties. Pkt. 10c; $\frac{1}{2}$ oz. 50c.

821 **Tall and Semi-Double Gold Crest**—Rich golden yellow, reddish brown tone. Pkt. 15c; $\frac{1}{4}$ oz. 45c.

823 **Tall Single Mixed**—Pkt. 10c; $\frac{1}{2}$ oz. 60c.

824 **Tall Semi-Double Mixed**—Pkt. 15c; $\frac{1}{2}$ oz. 50c.



ANNUAL CANTERBURY BELLS

CANARY BIRD VINE

825 *Tropaeolum-Canariense*—A tender, climbing annual of the nasturtium family. Blossoms have curiously winged petals; are light yellow. Sow seed from March to June. Pkt. 15c.

A&M CANTERBURY BELLS

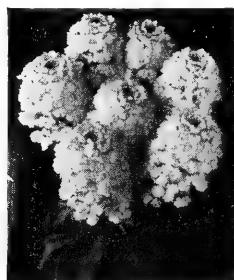
Annual Canterbury Bells (New Single Campanulas)—Blooming in 6 to 7 months from seed. Fine clear colors. Plants 2-1/2 feet tall. 845 Annual Single Mixed—Pkt. 15c.

Calycanthema—A variety of Canterbury Bells having large semi-double flowers each resembling a cup and saucer.

- | | |
|---------------------------|-----------|
| 851 Dark Blue | 853 Rose |
| 852 Light Blue | 854 White |
| Separate Colors—Pkt. 15c. | |
| 855 Mixed—Pkt. 15c. | |

CANDYTUFT (Umbellata)

This charming annual should be freely planted in all gardens for display or for cutting purposes. The flowers are borne in umbels. Most attractive in beds or borders.



- 827 Albida White
831 Lavender
830 Flesh Pink
832 Rose Cardinal
828 Pink
829 Crimson

←
CANDYTUFT

All Separate Colors—Pkt. 15c; 1/2 oz. 65c.

833 Mixed—Pkt. 10c; 1/2 oz. 40c.

837 Giant White Hyacinth Flowered—Bears immense snowy white spikes 10 inches long. Pkt. 10c; 1/4 oz. 40c.

Perennial Candytuft (*Iberis*)

838 *Gibraltarica*—Plants of dwarf compact habit, growing about 6 inches high. Flowers white flushed lilac. Pkt. 10c.

839 *Jucunda*—Compact 4-inch plants are covered with pink blooms. Pkt. 25c.

CARNATIONS

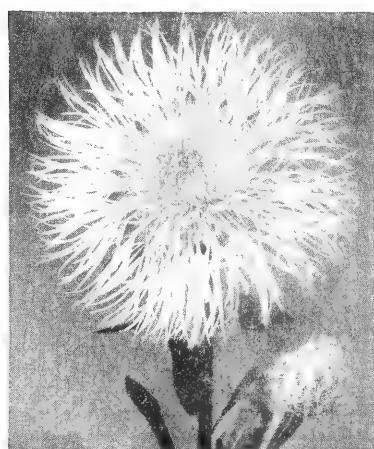
Delightful fragrant and richly colored flowers. Seed should be sown in boxes and when 2 to 3 inches high may be transplanted to the open bed or border, giving shade until the young plants have become established. Sow any time between March and September.

874 Chabaud's *Enfant de Nice*—The plants are robust with long strong stalks bearing flowers 2 1/2 to 3 inches in diameter. Annual. Mixture—Pkt. 50c; 3 pkts. for \$1.25.

Chabaud's Everblooming Carnations

Perennial

- 866 Sparkler—Bright red. Pkt. 25c.
867 Pearl—Silvery light pink. Pkt. 25c.
868 Nero—Deep red. Pkt. 25c.
869 Legion of Honor—Salmon. Pkt. 25c.
871 Marie Chabaud—Light yellow. Pkt. 25c.
870 Jeanne Dionis—White. Pkt. 25c.
873 Chabaud's Finest Mixed—Pkt. 25c.
865 Marguerite Mixed Colors—This mixture gives a large percentage of fine double flowers. Height 18 inches. Pkt. 15c; 1/8 oz. 50c.



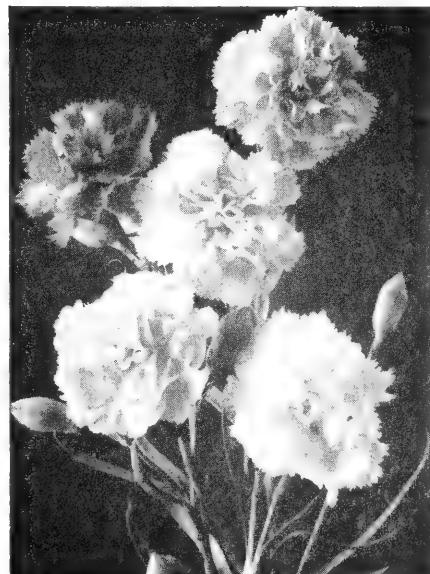
CENTAUREA AMERICANA

CENTAUREA CYANUS

Corn Flower or Bachelor's Button

This old-fashioned hardy annual is very easily grown from seed. Sow the seed in either autumn or spring. Height 2 to 3 feet.

- 896 Blue Boy
898 Pinkie
897 Red Boy
895 Snow Man
Pkt. 15c; 1/2 oz. 40c.
899 Double Mixed—Pkt. 10c; 1/2 oz. 35c.
900 Jubilee Gem—A compact, dwarf form covered with large double blue flowers. Pkt. 15c.



CHABAUD'S EVERBLOOMING CARNATIONS

CELOSIA PLUMOSA (Feathered Cockscomb)

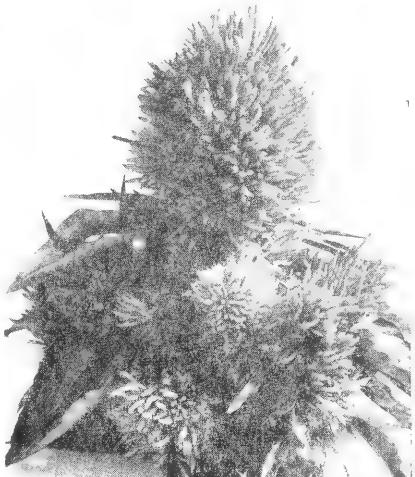
A very decorative annual useful for mass bedding. The graceful feathered plumes are borne on stems about 3 feet tall.

- 882 Plumosa Red—Pkt. 15c.
883 Plumosa Yellow—Pkt. 15c.
881 Plumosa Thompsoni Magnifica—Fine bright colors in mixture. Pkt. 15c; 1/4 oz. 55c.

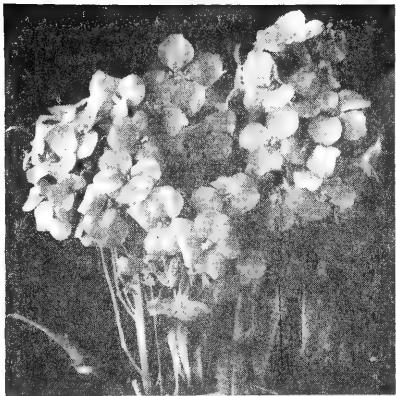
CELOSIA CRISTATA (Cockscomb)

Very ornamental and strong plants, producing magnificent combs of velvety looking flowers. Sow seed in the spring.

- 884 Dwarf Empress—Velvety deep red combs, dark foliage. Pkt. 15c; 1/8 oz. 50c.
885 Dwarf Mixed—A mixture of rich velvety colors. Height 10 inches. Pkt. 15c; 1/8 oz. 40c.
886 Tall Crimson—Brilliant crimson combs about 2 ft. Pkt. 10c; 1/4 oz. 65c.
887 Tall Mixed—Contains shades of crimson and yellow. Height 2 ft. Pkt. 10c; 1/4 oz. 65c.



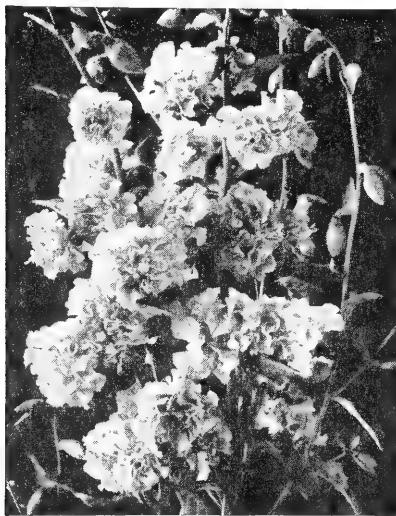
CELOSIA PLUMOSA



CHEIRANTHUS (Siberian Wallflower)

CHEIRANTHUS (Siberian Wallflower)

921 **Allioni**—Perennial bearing brilliant orange flowers similar to single Wallflowers. Height 12 inches. Pkt. 10c; ½ oz. 40c.



DOUBLE CLARKIA

CLARKIA (Double)

933 **Mixed**—A hardy annual of easy culture growing about 24 inches high and bearing a profusion of small rosette-like flowers along the stem. Seed sown in the fall, spring, and summer. Pkt. 10c; ¼ oz. 40c.

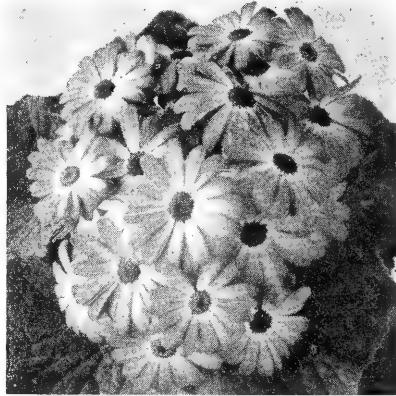
CINERARIA

Cinerarias require a shaded situation in the garden or they may be grown as pot plants in the greenhouse or lath-house. Plant seed in flats.

922 **Exhibition Mixed**—This is an extraordinary strain selected for large flowers, uniform height of plants and the most attractive colors. Pkt. 50c.

923 **Super Giants Superb Mixed**—Vigorous, free flowering plants of compact habit, 15 to 18 inches high. The flowers are very large, often measuring 4 to 6 inches in diameter. Colors range from salmon, light blue and white to deepest red and violet blues. Pkt. 50c.

924 **New Zonal Types Mixed**—Same as above but beautifully zoned and bi-colored. Pkt. 50c.



SUPER GIANT CINERARIAS

CLEOME

937 **Helen Campbell**—Pure white with light green stems. Tall and vigorous. Pkt. 15c.

934 **Pink Queen (AAS)**—A tall, attractive plant with huge graceful heads of clear pink with no trace of blue or magenta. The flower bracts turn to white before falling, giving the appearance of a white collar with a pink cap. Height 4 feet. Pkt. 10c.

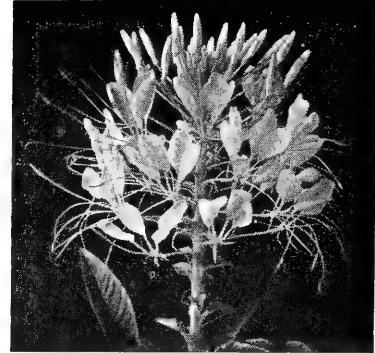
COBAEA SCANDENS

Cup and Saucer Vine

A perennial climber of rapid growth with large bell-shaped flowers. Will cling to any rough surface, often attaining a height of 30 to 40 feet in one season.

939 **Scandens Purpura**—Purple flowers. Pkt. 25c; ¼ oz. 85c.

COLUMBINE (See Aquilegia)



PINK QUEEN CLEOME

COLEUS

These ornamental foliage plants are very popular for growing in protected borders or for pot culture. They are tender perennials. A very interesting plant to grow from seed, for many new and fine color combinations are obtained in this way.

946 **Rainbow Mixed**—Giant leaved with very fine variations of colors. Pkt. 25c.

COREOPSIS

Hardy perennial bearing a profuse and long continued succession of large, bold, golden yellow flowers during the spring and summer months. Height 2½ feet.

953 **Mayfield Giant**—Exceptionally large single flowers of bright golden yellow on long stems. Pkt. 10c; ¼ oz. 35c.

951 **Double New Gold**—Large fluffy flowers of rich golden yellow with long wiry stems. Pkt. 15c; ¼ oz. 40c.

A&M COSMOS

A garden favorite with light green feathery foliage and graceful broad petaled daisy-like flowers on long wiry stems. The early flowering varieties may be sown from early spring to late summer and they will bloom within 60 to 75 days after planting. The late varieties are autumn flowering and should be planted in late spring and during the summer.

965 **Semi-Double Fiesta**—A new early Cosmos with brilliant flowers of gold striped scarlet. Pkt. 25c.

975 **Sensation Extra Early Double Mixed**—the delicately colored blooms of white, pink and crimson are fully double crested and some are beautifully fluted. They are much larger than the ordinary Double Crested variety, measuring 4½ to 5 inches across, and are very early blooming. Pkt. 25c.

970 **Sensation Dazzler (AAS)**—A rich deep velvety crimson maroon. Huge flowers 4 to 5 inches in diameter. 4 feet. Pkt. 15c.

954 **Orange Flare**—Vivid orange flower and light green foliage. Blooms from seed in less than five months. Pkt. 15c.

977 **Double Orange Ruffles**—The double row of petals gives it a fluffy and ruffled appearance. Pkt. 25c.

Sensation—Huge flowers often measuring 4 to 5 inches across with broad, heavy fluted petals. Extremely early, blooming in 10 weeks from seed. Height 4 feet.

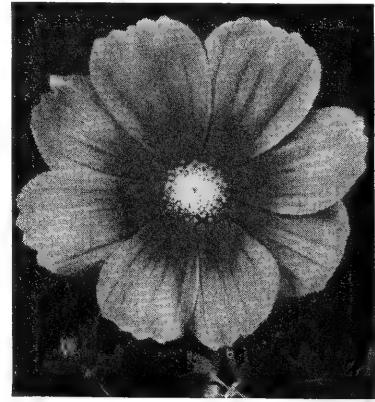
972 **Pink**.

973 **White**.

974 **Mixed**.

Pkt. 15c; ¼ oz. 40c.

969 **Sensation Radiance (AAS)**—The first bi-color Cosmos ever to be developed. Huge flowers of striking deep rose with a rich crimson zone. Pkt. 25c.



RADIANCE COSMOS



CYCLAMEN

CYCLAMEN

A tender bulbous perennial, used in window gardens. It is easily grown from seed. Sow in the fall or early spring.

978 A&M Choice Mixed—Pkt. 50c.

CYNOGLOSSUM

980 Amabile Blue (Chinese Forget-Me-Not)—A biennial 18 inches high, producing beautiful Forget-Me-Not-like flowers. Much appreciated in dwarf borders, also as cut flowers. Pkt. 10c.

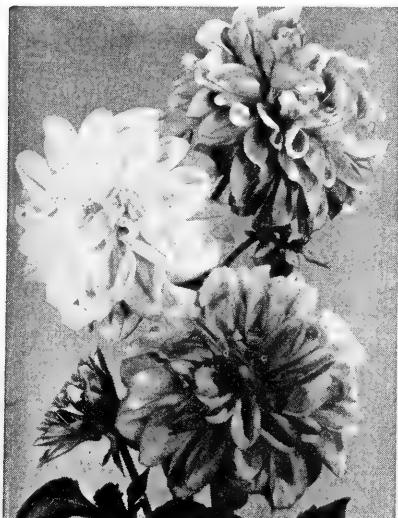
979 Amabile Firmament—Dwarf, very compact plants, 8 to 10 inches high with deep ultra marine blue flowers. Pkt. 15c.

DAHLIA SEED

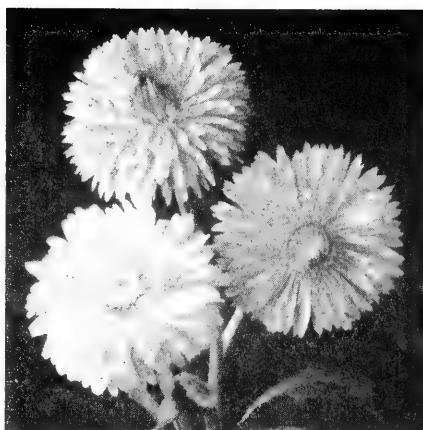
Sow seed in February or March in flats, covering with sand or screened leafmold. When plants are well established transplant to the garden. Dahlias from seed will bloom the first season.

984 A&M Prize Mixed—All hand-picked from the very finest, large flowering and double varieties. Pkt. 50c.

985 Unwins Dwarf Hybrid Mixed—A very attractive dahlia with semi-double blooms three inches or more in diameter. The colorful flowers, borne on 12-inch stems, are splendid for cutting. Plant 12 to 24 inches tall. Colors include shades of scarlet, yellow, lavender, apricot, white, etc. Pkt. 25c.



UNWIN DWARF HYBRID DAHLIA



BELLIS (English Daisy)

A&M DOUBLE DAISY

995 Bellis Mixed—A hardy perennial, blossoming freely all spring and summer. Plant is about 4 inches high and is valuable for borders. Pkt. 25c.

SHASTA DAISY

This popular flower is noted for its keeping qualities as a cut flower. They should be planted in the fall or early spring. Perennial. 997 Alaska—Large white single flowers with yellow centers. Pkt. 15c.

998 Giant Double Shasta Daisy—Beautiful white double flowers 5 inches across and are similar to shaggy petaled Asters. Some single flowers may be expected. Pkt. 25c.

A&M DELPHINIUM

One of the finest garden flowers. Seeds sown in beds or flats from August through November will bloom the following spring. Transplant when plants are sufficiently large to handle, spacing them about 6 inches apart. Spray the plants occasionally with Koppersol to prevent mildew. Seed germinates in about 20 days.

Pacific Giants are a remarkable new strain originated on the Pacific Coast. Huge double flowers $2\frac{1}{2}$ to $3\frac{1}{2}$ inches in diameter, symmetrically spaced on well balanced spikes. The exceptionally tall plants are quite resistant to mildew.

- 999 Black Knight—Dark blue, dark bee.
- 1000 Blue Bird—Medium blue, white eye.
- 1001 Blue Jay—Clear medium blue, dark bee.
- 1002 Camelaird—Pure lavender, white bee.
- 1003 Galahad—Glistening white, white bee.
- 1004 Guinevere—Pinkish lavender, white bee.
- 1005 King Arthur—Rich dark violet, white bee.
- 1006 Summer Skies—Light blue, white bee.
- Any of the above Delphiniums—Pkt. 50c; 3 pkts. \$1.25.

1007 Pacific Giants Mixed—Delightful shades of dark and light blue, lavender and white. Pkt. 25c.

1008 Hollyhock (Wrexham)—Tall spires with large florets closely placed on the spike. Rich assortment of light and dark shades. Pkt. 25c.

1009 Gold Medal Hybrids—All the lovely blues, lavenders and mauves are in this mixture. Pkt. 15c; $\frac{1}{8}$ oz. 50c.

1010 Belladonna—A lovely turquoise blue, which is a continuous bloomer. Splendid for cutting. Pkt. 15c; $\frac{1}{8}$ oz. 75c.

1011 Bellamosa—A rich deep blue in color and of the same type and habit of growth as the Belladonna. Pkt. 15c; $\frac{1}{8}$ oz. 75c.



DIDISCUS COERULEUS

DIDISCUS COERULEUS

1024 Blue Lace Flower—Lacy clusters of sky blue slender flower tubes. A hardy annual of easy culture. Plant from early spring to late summer. Height $2\frac{1}{2}$ ft. Pkt. 10c; $\frac{1}{8}$ oz. 30c.

DIGITALIS (Foxglove)

Bell-shaped flowers borne on long spikes in shades of purple, lavender, rose, and white, all spotted lightly inside the blossoms. Best in cool shady locations. A hardy biennial blooming the second year from seed. 3 $\frac{1}{2}$ feet tall. 1026 Gloxiniaflora Mixed—Pkt. 15c; $\frac{1}{4}$ oz. 40c. 1027 Giant Shirley Mixed—Pkt. 25c; $\frac{1}{4}$ oz. 55c.



PACIFIC GIANT DELPHINIUMS

1012 Delphinium Cardinale—This handsome native flower grows to a height of 4 feet or more and produces its brilliant flowers during the early summer. Pkt. 15c; $\frac{1}{8}$ oz. 75c.

1013 Delphinium Chinensis Fine Mixed—Dark blue, light blue and white, blooms the first year from seed sown in the early spring. Pkt. 10c; $\frac{1}{4}$ oz. 65c.



DIANTHUS PLUMARIUS

DIANTHUS or PINKS

Sweetly fragrant single and double Carnation-like flowers of the most brilliant coloring, varying from pure white to the richest crimson, with many beautifully laced and striped. Sow in fall or early spring. Height 12 inches.

Annual

1015 **Westwood Beauty** (AAS)—Extra large fringed single flowers ranging in colors from fiery crimson to deep red. **Pkt. 25c.**

1014 **Heddensis Mixed**—Same as Westwood Beauty but contains many colors. **Pkt. 25c.**

1017 **Hedgewigi, Double Mixed**—Beautiful double flowers. **Pkt. 10c; 1/4 oz. 30c.**

1016 **Hedgewigi, Single Mixed**—Brilliant colors. **Pkt. 10c; 1/4 oz. 25c.**

DIANTHUS or PINKS

Perennial

Plumarius (Grass Pinks)—A hardy perennial pink used for borders and cutting and producing a constant bloom of flowers of varied hues.

1018 **Double Grass Pink, Mixed**—**Pkt. 25c.**

1019 **Single Grass Pink, Mixed**—**Pkt. 10c.**

1020 **Rock Garden Mixture**—**Pkt. 25c.**

DIANTHUS SWEET WIVELSFIELD

This remarkable new hybrid is quite distinct from the annual Sweet William. It has a great variety of color and long blooming season.

1022 **Single Mixed**—**Pkt. 15c; 1/4 oz. 45c.**

1021 **Double Mixed**—**Pkt. 25c; 1/8 oz. 45c.**

DIMORPHOTHECA (African Daisy)

A showy annual from South Africa. The colors include all shades of yellow, orange, cream and white, and massed in beds or wide borders they have a very brilliant effect. They may be planted during the fall, spring or summer. Height 12 inches.

1030 **Aurantiaca**—Brilliant orange. **Pkt. 10c; 1/8 oz. 60c.**

1031 **Hybrids**—Mixed colors. **Pkt. 15c; 1/8 oz. 60c.**

1032 **Salmon Beauty**—**Pkt. 15c.**

DUSTY MILLER

See *Centaurea candidissima*

EUPHORBIA

1075 **Variegata** (Snow on the Mountain)—Very pretty annual plant with white and green edged foliage. Height 2 feet. **Pkt. 15c.**

EVERLASTING PEAS

See *Lathyrus latifolius*

FELICIA

1076 **Bergeriana** (Kingfisher Daisy)—The plants are dwarf, very compact and covered with little blue, star-shaped flowers. Annual. **Pkt. 25c.**

FORGET-ME-NOT (*Myosotis*)

A hardy perennial with small blue star-like flowers borne in clusters on long stems. Will bloom the first year if sown early.

1077 **Alpestris, Tall**—Rich blue flowers, long stems, vigorous grower. **Pkt. 10c.**

1078 **Blue Bird**—Winter flowering, deep blue. May be grown in sun. **Pkt. 25c.**

FOUR O'CLOCK (*Mirabilis*)

1080 **Mixed**—Also called Marvel of Peru. A tender perennial of easy culture, growing about 2 feet high. The brilliantly colored tubular flowers open in the afternoon. **Pkt. 15c; oz. 45c.**

FUCHSIA

1084 **Single and Double Mixed**—A choice selection of this well-known garden favorite. Does best in semi-shade, and will bloom the first year from seed when sown early. **Pkt. 50c.**



PORTOLA HYBRID GAILLARDIAS

GAILLARDIA

Beautiful show plant, remarkable for the profusion, size and brilliancy of its flowers, continuing in bloom from early summer till late in fall. Height 18 inches.

Annual Varieties

1087 **Picta Single Mixed**—Large daisy-like. **Pkt. 15c; 1/4 oz. 50c.**

1085 **Picta Lorenziana Double Mixed**—Large heads of bright yellow and red flowers, very double with quilled petals, suitable for bouquets. **Pkt. 15c; 1/4 oz. 50c.**

Perennial Varieties

1091 **Portola Hybrids**—Flowers 4 inches across. They are very striking, the petals being of brilliant scarlet, tipped golden yellow. **Pkt. 15c.**

1092 **The Dazzler**—Giant red Gaillardia with orange tips. **Pkt. 15c.**

1093 **Grandiflora Single Mixed**—Shades of reddish brown and yellow. **Pkt. 15c; 1/4 oz. 50c.**

GERANIUM (*Pelargonium*)

1098 **Zonale Mixed**—This well-known half-hardy perennial will bloom the first year from seed if sown early. **Pkt. 25c.**

1099 **Martha Washington Mixed**—Large flowers in many colors, all with contrasting dark centers. **Pkt. (12 seeds) 50c; 100 seeds \$4.50.**

GERBERA (Transvaal Daisy)

1102 **Mixed**—Large daisy-like blossoms with flower stems rising to a height of about 2 feet. Colors range from white to crimson, pink, rose, yellow and lilac shades. Flowers both summer and winter. **Pkt. 50c; 3 pkts. \$1.25.**

GEUM

A beautiful hardy perennial producing flowers in profusion from spring till fall. It is an excellent cut flower.

1104 **Mrs. Bradshaw's Double Red**—Large bright orange-scarlet double flowers. **Pkt. 25c.**

1105 **Lady Stratheden**—Very striking double yellow flower, very large. **Pkt. 25c.**

GILIA

1107 **Capitata**—Graceful annual, growing to a height of about 2 feet and bearing beautiful, globular flowers about 1 inch in diameter. Color a rich lavender blue. Foliage is feathery and very pretty. Sow seed in fall. **Pkt. 15c; oz. \$1.00.**

GLAUCIUM

1110 **Horned Poppy**—Brilliant orange and yellow colored perennial growing to a height of 4 feet in California. **Pkt. 15c.**

GODETIA

The single varieties are very compact with the cup-shaped, satiny flowers covering the plant. The double varieties have flowers like satin pompons. Seed should be sown in the fall or early spring. Annual.

1112 **Kelvedon Glory**—Single flowers of deep, glowing salmon-orange. Semi-dwarf. **Pkt. 15c.**

1113 **Sybil Sherwood**—Flowers are a lovely shade of salmon-pink with petals edged with white. Grows about 20 inches tall. **Pkt. 15c.**

1114 **White Swan**—Pure white variety. Semi-dwarf. **Pkt. 15c.**

1116 **Duke of York**—Large single flowers of rich scarlet. **Pkt. 15c.**

1122 **Tall Double Mixed**—**Pkt. 10c; 1/4 oz. 35c.**

1115 **Dwarf Single Mixed**—**Pkt. 10c; 1/4 oz. 50c.**

GOMPHRENA (Globe Amaranth)

1123 **Mixed**—Has a globe-shaped flower resembling a clover blossom which when cut and dried holds its shape and color well. **Pkt. 10c.**

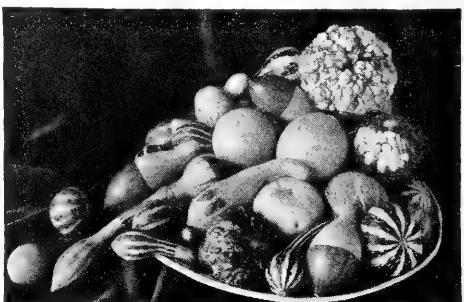
ORNAMENTAL GOURDS

Seeds should be sown about 1 inch deep, after all danger of frost is over, and the plants should be left 1-2 feet apart. Plant in full sun.

1124 **Large Sorts, Mixed**—Useful for making into lamps, vases, baskets, etc. **Pkt. 25c; oz. 50c.**

1125 **Small Sorts, Mixed**—These can be shelled and used as ornaments. **Pkt. 25c; oz. 50c.**

Edible Gourds listed on page 9.



ORNAMENTAL GOURDS



626 ARCTOTIS HYBRIDS—Mixed Pkt. 25c
Annuals growing to about 1 foot high.



1343 NIEREMBERGIA—Purple Robe
Compact violet-blue mounds. Pkt. 50c



733 ASTER—Princess Mixed
Large flowers with crested center that remains full when flower is fully open, surrounded by multiple rows of guard petals. Pkt. 15c

for Best Results

PLANT

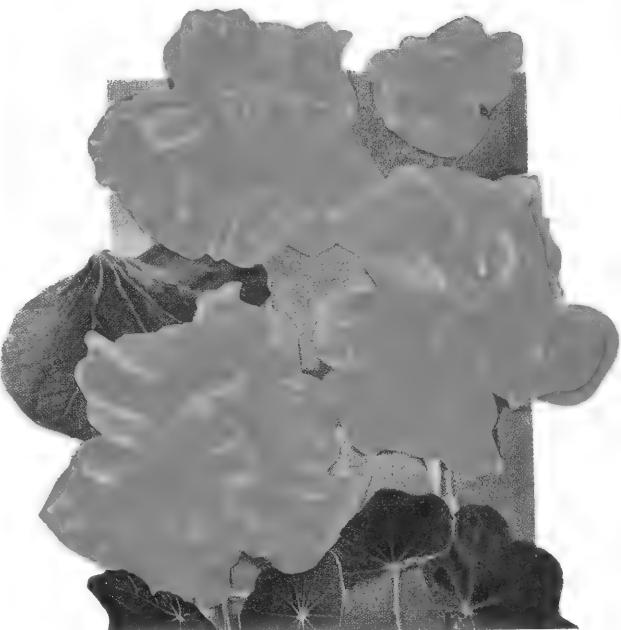
A&M
FLOWER SEEDS



for your protection
and to promote
sturdy growth



1581
SALPIGLOSSIS
Gloxiniiflora Mixed
Richly colored, fantastically
veined annual flowers up to
2½ feet high. Pkt. 10c



1322 NASTURTIUM—Golden Gleam—Large, very double sweet
scented flowers of an attractive golden yellow. Pkt. 15c

The Perfect Frame
for your
Flower Garden



A&M
**DOUBLE TREATED
LAWN BLENDS**



1465 PHLOX GIGANTEA

Art Shades

Enormous flowers and
wide color range

Mixed

Pkt. 25c

**1412 AMERICA
ALL DOUBLE
PETUNIA**

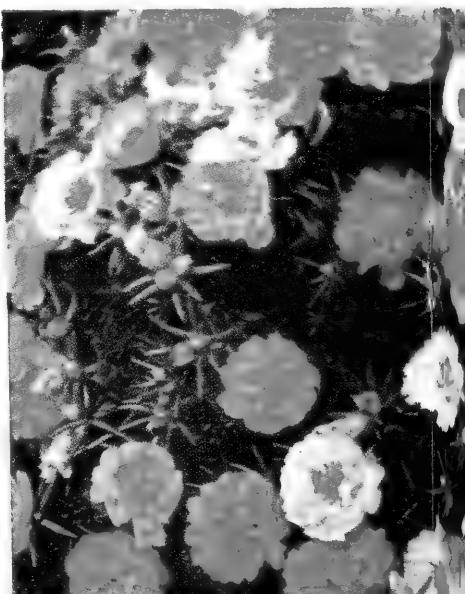
Compact plants covered
with blooms
Pkt. 50c



ANNUAL CHRYSANTHEMUM

1355 Merry Mixture

Hardy annuals, about 2½ feet
high, producing daisy-like flow-
ers in contrasting colors. Pkt. 25c



1536 PORTULACAS—Double Mixed



1511 POPPY KELMSCOTT
Giant Mixed
Pkt. 25c



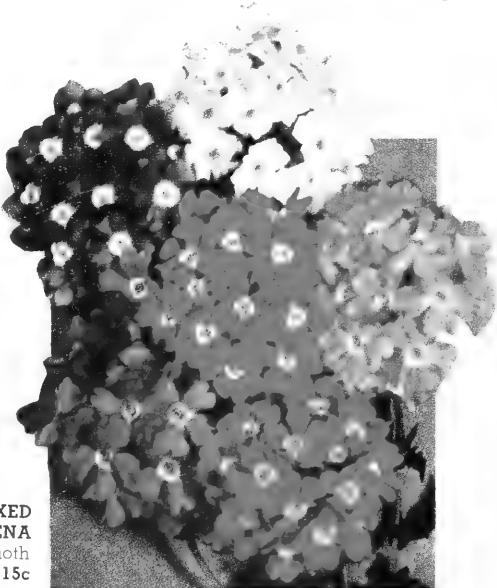
1260 MARIGOLD
MISSION GIANTS
Giant Chrysanthemum-like
blooms. Pkt. 25c



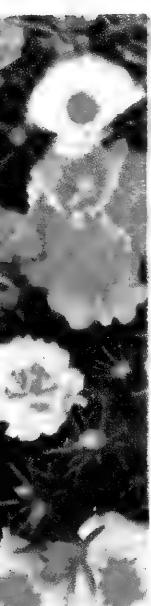
985
UNWIN'S DAHLIAS
Pkt. 25c



571 TETRA
SNAPDRAGON
A new strain with extra
large florets in a wide
range of harmonious colors
Pkt. 25c



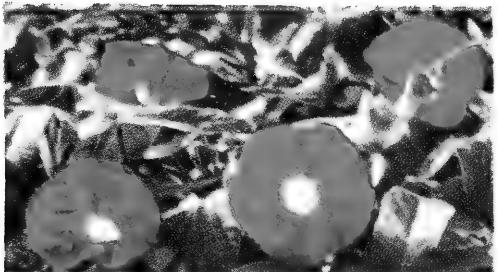
1894 HYBRIDA GIANT MIXED
VERBENA
Larger even than the mammoth
Pkt. 15c



1277 MARIGOLD RED HEAD—Pkt. 25c



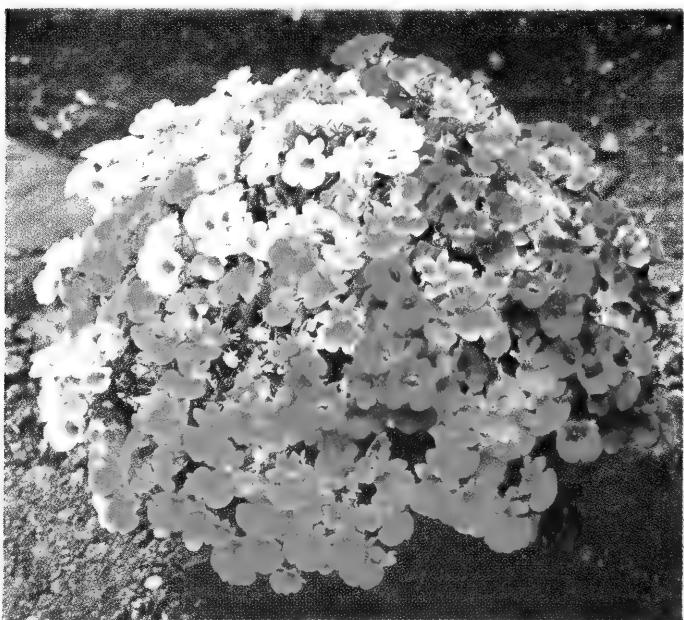
1222 LARKSPUR—Regal Mixed—Pkt. 25c



1298 MORNING GLORY DARLING—Pkt. 25c

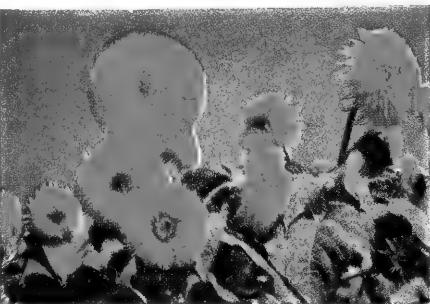


1709 STOCK, Giants of California
The best and largest yet introduced—Pkt. 20c



1331 NEMESIA NANA COMPACTA

Have a Garden of Lovely Flowers

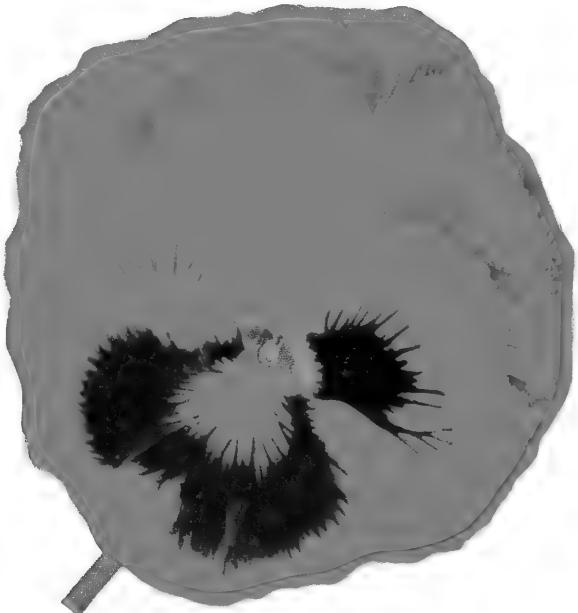


1723 SUNFLOWER — Sun Gold (Double) —
Large, massive, yellow flowers, 3-4 feet high.
Pkt. 25c

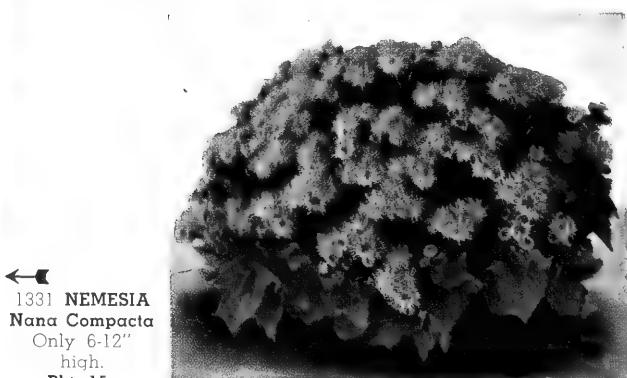
Sow
A&M
Reliable
Flower Seeds



for your protection
and to promote
sturdy growth



1365 PANSY SWISS GIANT—Mixed
A magnificent strain—Pkt. 35c



1331 NEMESIA
Nana Compacta
Only 6-12" high.
Pkt. 15c

515 AGERATUM, Midget Blue
Only 2-3" high mounds—Pkt. 15c

GYPSOPHILA

A hardy annual of easy culture and seed should be sown at frequent intervals. Two perennial varieties are also listed below.

1133 **London Market**—A much improved strain of white annual Gypsophila. Taller plants and bigger flowers. Pkt. 15c; oz. 35c.

1127 **Elegans Grandiflora**—Annual white. Pkt. 10c; oz. 25c.

1126 **Elegans Carmine**—Pkt. 20c.

1128 **Elegans Rose**—Pkt. 20c.

1131 **Paniculata**—Fine for bouquets; white flowers, perennial. Pkt. 10c.

1132 **Double Snow White**—Beautiful double form of paniculata white. Perennial. Pkt. 25c.

HELICHRYSUM (Straw Flower)

The well-known Everlasting Flowers which grow 3 feet tall, bearing beautiful straw-like blooms in a great variety of colors. Annual.

1148 **All Colors Mixed**—Pkt. 15c; 1/4 oz. 65c.

HELIOTROPE

A half-hardy perennial growing 4 to 8 feet high. Small flowers, borne in graceful clusters and very fragrant. Blooms first season from seed if sown early.

1150 **Finest Mixed**—Mixture of best types in shades of white, mauve, purple. Pkt. 25c

HEUCHERA (Coral Bells)

1153 **Sanguinea Splendens**—One of the finest perennials for rock gardens or border. The dainty bell-like red flowers are borne on slender stems. Dwarf compact foliage. Height 18 inches. Pkt. 25c.

A&M HOLLYHOCKS

A hardy perennial unequalled for a background or covering ugly places. The seed may be sown in the fall and will bloom the following spring. Double flowers.

1157 **Rose**. 1161 **Newport Pink**.

1158 **Maroon**. 1163 **White**.

1159 **Scarlet**. 1162 **Yellow**.

1164 **Salmon Rose**.

All the above—Pkt. 15c.

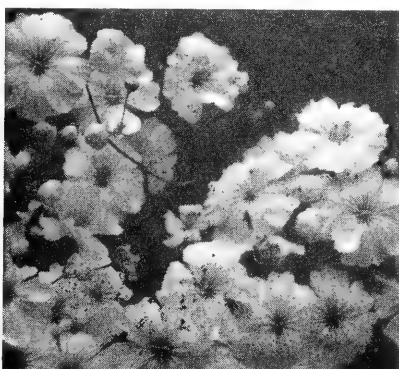
1166 **Mixed**—Pkt. 15c; 1/4 oz. \$1.00.

1167 **Allegheny**—Semi-double mixed. A particularly tall growing Hollyhock with huge semi-double flowers, deeply fringed and frilled at edges. Pkt. 15c; 1/4 oz. 35c.

HUNNEMANNIA (Bush Eschscholtzia)

1178 **Single**—Known also as the Mexican Tulip Poppy. An erect-growing, tender perennial, about 2 feet high. Foliage fine-cut, blossoms beautifully cup-shaped, bright yellow and about 3 to 4 inches across. Stems long and smooth. A splendid cut flower. Pkt. 15c.

1179 **Sunlite**—A beautiful semi-double form. Fine for cutting. Pkt. 25c.



WHITE GYPSOPHILA

IPOMOEA

(Morning Glory and Moonflower)

Splendid rapid growing climbing annual. Foliage is luxuriant and makes a growth of 10 to 30 feet a season. The seed should be soaked in water for 36 hours or more to germinate it. Sow seed in spring, when soil is warm.

1184 **Pearly Gates (AAS)**—Pure silky white flowers with cream throat. Height 10 ft. Pkt. 15c.

1186 **Bona Nox (Evening Glory)**—Fragrant violet flowers expanding in the evening. Pkt. 15c; 1/2 oz. 30c.

1188 **Grandiflora Alba (White Moonflower)**—Large white fragrant flowers which expand at night and early morning. Pkt. 15c; 1/2 oz. 30c.

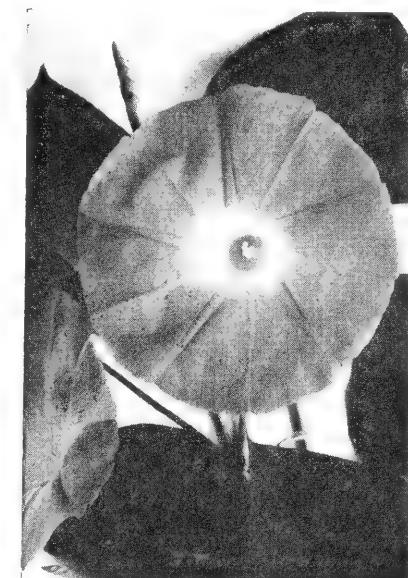
1190 **Heavenly Blue Improved**—A deeper shade of blue and earlier than Heavenly Blue. Pkt. 15c; 1/4 oz. 25c.

1185 **Scarlett O'Hara**—Dark wine red or deep rosy carmine. Pkt. 15c.

1301 **A&M Giant Flowered Mixed Morning Glory**—The flowers are exceptionally large and in a good range of colors. A splendid shade vine. Pkt. 15c; 1/4 oz. 30c.

1300 **Major Tall Mixed Morning Glory**—Attains a height of 15 feet or more. A splendid shade vine. Pkt. 10c; oz. 30c.

1298 **Darling**—A new Morning Glory of brilliant scarlet with white throat. Flowers up to 4 inches in diameter. Vigorous grower. Pkt. 25c.



HEAVENLY BLUE MORNING GLORY

KUDZU VINE

1199 **Pueraria Thunbergiana**—A rapid growing vine, often making a growth of 40 feet in a season. Large bright green leaves and small clusters of rosy lavender, pea-shaped flowers. It may be trimmed frequently for stock feed. The seed is slow in germinating and should be punctured or soaked over night in warm water. Pkt. 15c; oz. \$1.00.

All Aggeler & Musser PACKET Seeds Are Now
NEW METHOD DOUBLE TREATED

To promote better germination, resistance to damping off and more sturdy growth. Look for this trade-mark on the packet.



LAVATERA SPLENDENS LOVELINESS

LARKSPUR

Double Flowering Strain

Sow the seeds at intervals from fall to late spring. For best results seeds should be sown where plants are to remain.

Regal Type

This beautiful new base branching series is distinguished by its very long, thick spikes of huge delphinium-like, well-spaced florets.

1214 **Dark Blue**—Rich deep blue.

1216 **Pink**—Pink on salmon.

1218 **Rose**—Rich rose.

1220 **White**—Pure white.

1222 **Finest Mixed**—All colors.

All at Pkt. 25c; 1/4 oz. 50c.

COLLECTION 40—One packet each of four named varieties **75c**

Giant Imperial Type

Base branching. Height 3 to 5 feet.

1202 **Lilac King**—Clear lilac.

1203 **Pink King**—Soft salmon rose.

1204 **White King**—The finest White Larkspur.

1205 **Blue Bell**—A delightful clear light blue.

1206 **Blue Spire**—A magnificent tall blue.

1207 **Carmine King**—Color rich carmine.

1210 **Miss California**—Rich deep pink on salmon ground.

1211 **DeLuxe Mixed**—A mixture of the newest Larkspurs, including the new salmon shades. Any of the above Imperial Larkspurs: Pkt. 15c; 1/4 oz. 35c.

COLLECTION 48—One packet each of any four of above varieties **45c**

LARKSPUR—Standard Varieties

1225 **A&M Mixed**—All colors. Pkt. 10c; 1/4 oz. 30c.

LATHYRUS LATIFOLIUS

(Everlasting Pea)

1230 **Fine Mixed**—Everlasting Pea, a hardy perennial climber of great beauty with large sprays of sweet pea-like flowers in great profusion; height 6 to 8 feet. Pkt. 15c; 1/2 oz. \$1.00.

LAVATERA

1233 **Splendens Loveliness**—An annual of easy culture growing 2 to 3 feet in height. The flowers resemble single Hollyhocks and make attractive bouquets. Pkt. 15c.

Assurgentiflora—See California Windbreak.

LIPPIA CITRIODORA

1246 **Lemon Verbena**—An old favorite with delightfully scented evergreen leaves. Low growing shrub with pale green foliage. Pkt. 10c.

LINARIA (Minature Snapdragons)

1241 **Northern Lights Mixed**—Annual growing about 1 foot high, producing graceful spikes of bright colored flowers. They are of easy culture. Pkt. 15c; 1/4 oz. 50c.

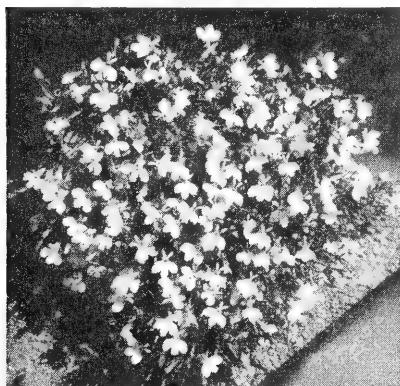
1240 **Fairy Bouquet**—Beautiful little flowers in a wide range of attractive pastel shades. 8 inches high. Pkt. 10c; 1/4 oz. 45c.

LINUM

1244 **Grandiflora Rubrum** (Scarlet Flax)—A hardy annual of slender and graceful appearance with fine foliage and bright red flowers. Scarlet Flax makes a fine fall and winter flower, blooming profusely for several months. May also be sown in the spring. Height 1 1/2 to 3 feet. Pkt. 10c; oz. 50c.

1245 **Perenne** (Blue Flax)—Slender growing, hardy perennial producing a profusion of light blue flowers. Pkt. 25c.

1243 **Flavum**—Produces masses of golden yellow flowers throughout the summer. Perennial, 1 to 2 feet. Pkt. 50c.



CRYSTAL PALACE LOBELIA

LOBELIA

This hardy annual grows 4 to 6 inches high, is of compact growth, and literally covered with small bright flowers.

1251 **Bedding Queen**—Very dwarf. Deep purple-violet flowers, white eye. Pkt. 25c.

1247 **Crystal Palace**—Plants very compact, profusely covered with rich, blue flowers. Height 4 inches. Pkt. 25c.

1249 **Hybrida Sapphire** (Trailing)—Bright deep blue, white eye. Pkt. 25c.

LOVE-IN-A-MIST (See Nigella)

LUNARIA

1252 **Biennis Purple** (Honesty)—Hardy biennial usually grown as an annual. Much admired for its silvery seed pods which are used for winter decorations. Grows 2 to 3 feet. Pkt. 25c.

LUPINE

The plants grow 2 to 3 feet high and have handsome spikes of flowers which are fine for cutting.

1253 **Nanus Blue**—Medium blue. Pkt. 15c; oz. 65c.

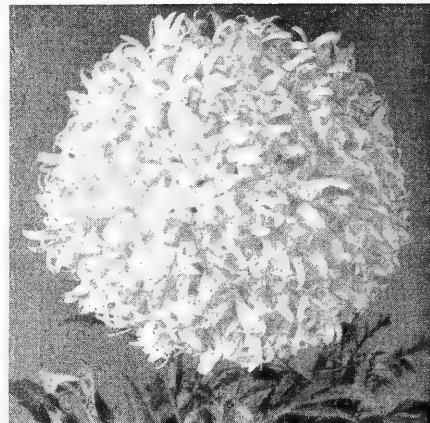
1254 **Hartwegi Mixed**—Pkt. 15c; 1/2 oz. 40c.

1255 **Russell Mixed** (Perennial)—Pkt. 25c.

MARIGOLDS



REAL GOLD MARIGOLD



GLITTERS MARIGOLD

1268 **Glitters** (AAS)—Brilliant canary yellow chrysanthemum-like flowers 3 inches or more in diameter, borne on long strong stems. Pkt. 25c.

1262 **Gigantea Sunset Giants**—The largest Marigold, average 5 to 7 inches across. Flowers are loosely formed, very full centered, from deep orange through all shades of yellow. Height 3-4 feet. Pkt. 25c.

1281 **Guinea Gold**—Loosely ruffled, carnation shaped, medium sized flowers of brilliant golden orange. Ideal for cut flowers. Pkt. 10c.

1282 **Yellow Supreme**—Large fluffy blooms of lemon yellow. Does not have the strong Marigold odor. Pkt. 15c.

Tall African All Double

An improved strain of large, fully double flowers with only a small percentage of single blooms. Height 2 1/2 feet.

1265 **All Double Orange**—Brilliant orange.

1266 **All Double Lemon**—Bright lemon yellow.

1267 **All Double Mixed**.

Any of the above: Pkt. 15c; 1/8 oz. 35c.

Tall African California Strain

Although this florist strain has some single blooms, the double flowers are exceptionally large and fine. Height 2 1/2 feet.

1269 **California Orange**.

1270 **California Lemon**.

1271 **California Mixed**.

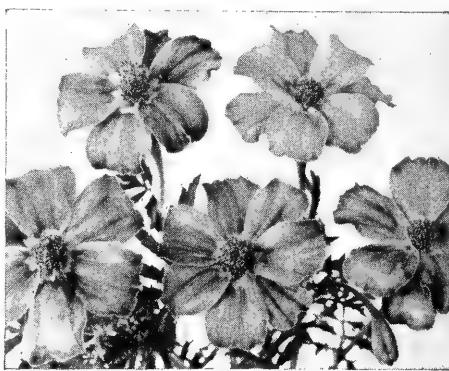
Any of the above: Pkt. 10c; 1/8 oz. 30c.

Tall French

The flowers are much smaller than the African, but are greatly prized for bedding.

1283 **Flash**—Compact plants 18 inches in height. Single flowers ranging from vivid red through bronze with a few yellow blooms. Pkt. 25c.

1272 **Tall Double French Mixed**—In shades of yellow, brown and tri-colors. Height 2 feet. Pkt. 10c; 1/4 oz. 30c.



FLASH MARIGOLD

Dwarf French Marigolds

1286 **Butter Ball**—Compact Harmony-flowered canary yellow. Height 6 to 8 inches. Pkt. 15c.

1276 **Color Magic (New)**—Compact dwarf plant covered with fully double brightly colored blooms in colors ranging from bright yellow to mahogany red. Pkt. 25c.

1279 **Dwarf Double French Mixed**—10 inches high. Pkt. 10c; 1/4 oz. 40c.

1274 **Dwarf French Royal Scot Alldouble**—This beautifully striped Marigold is truly double. Height only 10 to 12 inches. Pkt. 25c.

1278 **Harmony**—A charming and distinct variety bearing good-sized flowers of Scabiosa-like formation. Each bloom has a central deep orange crest, surrounded by a collar of broad, maroon-brown petals. Pkt. 25c.

1280 **Miniature Gem Mixed**—A dwarf, compact mixture especially adapted to borders. The plants are covered with small brightly colored, double flowers. Pkt. 15c; 1/4 oz. 50c.

1273 **Monarch Mixed**—Dwarf compact plants, and small double flowers in shades of orange, bronze and mahogany. Pkt. 15c.



NAUGHTY MARIETTA MARIGOLD

1275 **Naughty Marietta (AAS)**—Large, single flowers of rich gold with maroon base. Pkt. 25c.

1277 **Red Head (AAS)**—Single, 2-inch flowers with crested gold and maroon center. Color mahogany changing to shades of bronze and gold. Pkt. 25c.

1284 **Sunkist**—Same as Butter Ball but rich, deep, golden orange. Pkt. 15c.

1285 **Tagetes Signata Pumila**—Dwarf, compact species with a host of small, star-shaped golden yellow flowers. Plants 15 inches high. Pkt. 25c; 1/4 oz. 60c.

All Aggeler & Musser PACKET Seeds Are Now
NEW METHOD DOUBLE TREATED



To promote better germination, resistance to damping off and more sturdy growth. Look for this trade-mark on the packet.

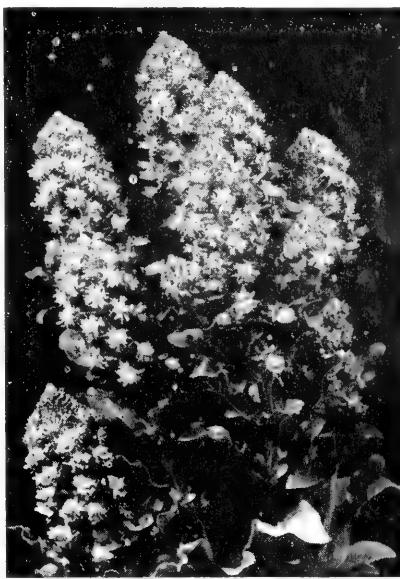
MATRICARIA (Feverfew)

1287 **Double White (Capensis)**—A perennial bearing small double white flowers. Good for cutting. Pkt. 25c; 1/4 oz. \$1.55.

MOONFLOWER (See Ipomoea)

MYOSOTIS (See Forget-Me-Not)

MORNING GLORY (See Ipomoea)



MIGNONETTE

MIGNONETTE

Hardy annual, growing 6 to 12 inches high and bearing pyramid-shaped spikes, exceedingly fragrant.

1288 **A&M Colossal**—A giant Mignonette. The spikes are 2 to 3 inches in diameter and each plant has many spikes. Flowers are a deep cream and fragrant. Pkt. 10c; 1/4 oz. 40c.

1290 **Goliath Red**—Robust growing variety with enormous spikes of red colored flowers; height 15 inches. Pkt. 15c; 1/4 oz. 40c.

1292 **Odorata Mixed**—Pkt. 10c; oz. 45c.

CLIMBING VINES

Annual

Balloon Vine Morning Glory
Canary Bird Vine Nasturtium
Ipomoea Scarlet Runner
Thunbergia Sweet Peas

Perennial

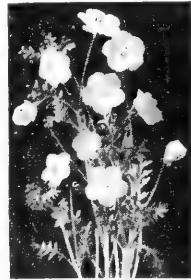
Antigonon Lathyrus
Asparagus Australian Pea Vine
Cobaea Scandens

NEMESIA

Easily grown hardy annual. The compact plants send up many graceful stalks bearing small somewhat Orchid-like blooms of rich coloring. Sow the seed in the fall, winter, and early spring.

1330 **Strumosa Suttoni, Grandiflora or Large Flowered**—Grows to a height of about 15 inches; fine for window boxes, borders and mass planting. Pkt. 25c.

1331 **Nana Compacta Triumph Mixed**—More compact than above; being only 6 to 12 inches tall. Pkt. 15c.



NEMOPHILA

A hardy California annual growing about 6 inches high. The blossoms are cup-shaped. The seed may be sown from October to March.

1336 **Insignis (Baby Blue Eyes)**—Sky blue with white eyes. Pkt. 15c; oz. 70c.

NIGELLA (Love-in-a-Mist)

A hardy annual. Oddly shaped blossoms in blue and curious seed pods.

1344 **Miss Jekyll**—Long stemmed flowers which are of a clear cornflower blue, feathery foliage, height 18 inches. Pkt. 10c; 1/2 oz. 50c.

A&M NASTURTIUMS

Single Nasturtiums

1312 **Dwarf Mixed**—Pkt. 15c; oz. 35c; 1/4 lb. \$1.00; lb. \$3.50.

1317 **Tall Mixed**—Pkt. 10c; oz. 35c; 1/4 lb. \$1.00; lb. \$3.50.



GLEAM HYBRID NASTURTIUMS

NICOTIANA (Flowering Tobacco)

A hardy annual growing 3 to 4 feet high and of branching habit. The plants are covered with the slender tubular flowers all summer. Popular for its evening fragrance.

1340 **Affinis White**—Very fragrant. Pkt. 15c; $\frac{1}{4}$ oz. 30c.

1339 **Crimson Bedder**—Dwarf, growing only 15 inches high. Deep rich carmine. Pkt. 25c.

1341 **Sanderae Mixed**—A new, large flowering type, with various bright colored blossoms. Pkt. 15c; $\frac{1}{4}$ oz. 30c.

NIEREMBERGIA (Dwarf Cup Flower)

1342 **Hippomanica**—Dainty cup-shaped flowers of lavender blue with a touch of yellow in the center. The plants are compact and not over 5 to 6 inches tall with a spread of 8 to 10 inches. Half hardy perennial. Pkt. 25c.

1343 **Purple Robe**—Rich violet blue. Pkt. 50c.

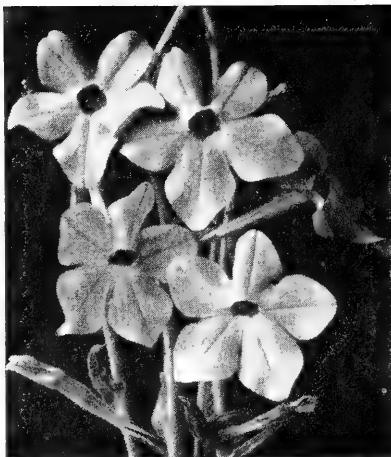
OENOTHERA

1346 **Evening Scented Primrose**—Large yellow, sweet scented flowers which expand in the evening. Height 2 to 3 feet. May be planted in part shade. Pkt. 10c; oz. 40c.

NEW METHOD DOUBLE TREATED All Aggeler & Musser PACKET Seeds Are Now



To promote better germination, resistance to damping off and more sturdy growth. Look for this trade-mark on the packet.



NICOTIANA

A&M PANSIES

Pansies thrive best in a moist, sunny location and in rich, loamy soil. Seed should be sown in flats in the autumn for early spring blossoms, or can be sown early in the year for good flowers later in the spring. Use fertilizer liberally in preparing the bed. The blossoms are usually largest in the spring and fall.

Medium Flowered

1366 **Mixed**—A very showy mixture of vigorous compact growth. Medium sized flowers. Pkt. 15c; $\frac{1}{16}$ oz. 75c.



PANSY FELIX

Super Maximum

1359 **Mixed**—A lovely and distinct strain bearing large flowers with long stems that hold them well above the foliage. Particularly for those who want an extraordinary strain. Pkt. 35c; $\frac{1}{16}$ oz. \$2.25.

English Giant

1358 **Mixed** (Englemann's)—An exceptionally beautiful mixture of bright colors. Huge flowers on large leaved compact plant. Pkt. 50c.

Swiss Giants

A magnificent strain of this well known variety. The plants are neat and compact with good foliage and very large round flowers, many of them beautifully frilled.

1357 **Coronation Gold**—The largest and finest golden yellow pansy. Lightly ruffled edges.

1360 **Alpenglow**—Garnet shades.

1362 **Dark Blue**—Violet blue.

1361 **Lake of Thun**—Medium blue.

1364 **White**.

1363 **Yellow**—Golden.

Pkt. 50c; $\frac{1}{16}$ oz. \$1.80

1365 **Giant Mixed**—Pkt. 35c; $\frac{1}{16}$ oz. \$1.75.

PASSIFLORA (Passion Vine)

1400 **Edulis**—Perennial climber and rampant grower blossoming freely. The pulp of the fruit is delicious. Pkt. 25c.

PENSTEMON

This easily grown hardy perennial blooms the first year from seed. The foliage is shiny and the gaily colored tubular blooms are borne on tall spikes, making a fine cut flower.

1405 **Gloxinoides "Sensation"**—The large Gloxinia-shaped blossoms vary from pure white, pink, rose and crimson to mauve and purple, including many which are beautifully edged. Height 2 feet. Pkt. 25c.

PHACELIA

1455 **Campanularia**—Very showy annual; grecian blue bell-shaped flowers. 8 inches. Pkt. 15c.



ANNUAL PHLOX—ART SHADES

PHLOX DRUMMONDI

One of the most beautiful and easiest grown of our hardy garden annuals. The flowers are produced in large trusses and may be had in many lovely colors. The seed may be sown in boxes and transplanted when danger of frost is over or may later be sown in the open.

1463 **Drummondi Mixed**—Pkt. 15.

1464 **Dwarf Mixed**—Compact plants 8 inches in height with large blooms. Pkt. 25c.

Gigantea Art Shades

A new strain of Phlox Drummondi with flowers an inch and a half in diameter. In addition to its enormous flowers it has a most wonderful range of color in soft art shades. Height 9 inches.

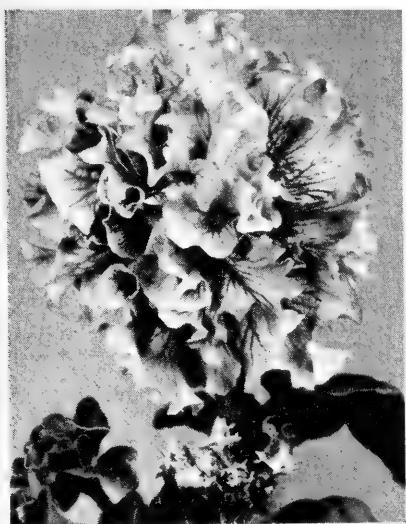
1465 **Gigantea Mixed**—Pkt. 25c.

1476 **Perennial Mixed**—The bright colored flowers make a pleasing border. Seed is slow in germinating and from fall sowings will often not show until following spring. Pkt. 20c.

A&M PETUNIAS

The seed of all our Giant Ruffled, Double and Fringed varieties is produced by pot culture in a lath house where each plant is given personal attention and each flower is hand-pollinated.

The culture of Petunias is simple. Seeds may be planted from September to March in cold frames or boxes. Equal parts of loam soil and fine river sand provides a good seed bed.



Giant SUPER FLUFFY RUFFLES
PETUNIA

Fancy Double Varieties

1409 All Double Colossal (AAS)—Truly a giant double Petunia. Colors range through rose, salmon-pink, pink, to rosy mauve. Pkt. \$1.00; 3 pkts. for \$2.50.

1412 All Double America (AAS)—Graceful fully double flowers of sparkling rose-pink. Plant is compact and practically covered with 2-inch blooms. Pkt. 50c; 3 pkts. for \$1.25.

1411 Superb Double Fringed Mixed—One of the finest strains of Petunias in existence. The double flowers are very large, fully and symmetrically formed, having the edges of petals beautifully fringed. Pkt. 50c.

Giant Ruffled

1414 Copper Red—Very large flower and a striking color. Pkt. 35c.

1415 Pink—The aristocrat of the giant Petunias. The flower is very large, ruffled deep pink, veined and with an almost black center. Pkt. 35c.

1416 Red—In size and form very similar to the above. Color red with black center. Pkt. 35c.

1417 Salmon—A beautiful and very popular salmon shade. Pkt. 35c.

1413 Super Fluffy Ruffles Mixed—Extraordinary large beautifully ruffled and fringed flowers in a wide range of attractive colors. Pkt. 25c.

1418 Mixed—An unusually fine mixture of ruffled monsters, containing all colors of the named varieties. Pkt. 35c.

Giant Fringed

1407 Ballerina (AAS)—Large delicately fringed, bright rose flowers borne on compact plants. Pkt. 50c.

1421 Theodosia—Very fascinating fringed Petunia of soft rose pink, beautifully veined. Pkt. 50c.

1420 Variegated Theodosia—Same as Theodosia but striped with white. Pkt. 50c.

1422 White Beauty—Deeply fringed, frilled large white. Pkt. 50c.

1423 Giant Fringed Mixed—Mixture of the foregoing single fringed varieties. Pkt. 25c.

Dwarf Giants of California

1419 Mixed—These are the famous Ramona strain. Dwarf compact plants with large ruffled and fringed flowers in a well-balanced mixture of light and dark shades. Pkt. 50c.

PETUNIAS BEDDING VARIETIES

Nana Compacta

A very symmetrical, dwarf, compact habit of growth, forming a perfect ball effect and literally smothered with bloom. Exceptionally fine for borders, formal beds, rock gardens, pot plants. Height 6-9 inches.

1435 Comanche (AAS)—The richest, reddest and most brilliant bedding petunia. Being an F₁ hybrid, it has great vigor. The large flowers, 2½ to 2¾ inches across, almost cover the plant during the entire blooming season. Pkt. (150 seeds) 50c.



All America Petunia FIRE CHIEF

1440 Fire Chief (AAS)—Gold medal winner. Brilliant spectrum red with the glow of scarlet red, this Petunia makes a striking and exciting display in the garden. The rich velvety blooms are about 2½ inches in diameter. Pkt. 25c.

1435-A Lipstick—Glowing carmine rose overlaid with a touch of salmon. Compact plants with a wealth of 2½-inch flowers. Pkt. 25c.

1434 Martha Washington—Lovely frilled blooms about 3 inches in diameter. Frilled portion of flower is a beautiful blush pink and center portion is strongly veined a rich wine red, deepening in throat. Pkt. 25c.

1436 Twinkles—Brilliant rose with white star. Very striking. Pkt. 25c.

1433 Velvet Ball—Blood red. Pkt. 25c.

1437 White Gem—Pkt. 25c.

1438 Nana Compacta Mixed—Pkt. 25c.

Nana Erecta

As an edging or for dotting the front of a border, these erect low-growing Petunias with their dainty single blossoms are superb, in almost constant bloom. Height about 12 inches.

1439 Celestial Rose—Deep rose, very compact. Pkt. 15c; 1/16 oz. 50c.

1441 Periwinkle Blue—Mid-blue. Pkt. 15c; 1/16 oz. 45c.

1442 Rose of Heaven—Bright rose-pink. Pkt. 15c; 1/16 oz. 50c.

1443 Rosy Morn—Pink with white throat. Pkt. 15c; 1/16 oz. 45c.

1444 Silver Blue—Clear light blue. Pkt. 15c; 1/16 oz. 50c.

1445 Snowball—Large white. Pkt. 15c; 1/16 oz. 45c.

1446 Violacea—Deep velvety violet. Pkt. 15c; 1/16 oz. 45c.

1447 Nana Erecta Mixed—Pkt. 15c; 1/16 oz. 40c.

Hybrida

Bushy plants of great value for massing in beds. While the single flowers are not particularly large, their great number makes a gorgeous show. Height 24 inches.

1450 Radiance—Rich cerise rose with salmon undertones. Yellow throat. Pkt. 25c.

1451 Topaz Rose—A fiery velvety rose. It is slightly suffused with gold which gives it its fiery appearance and throat is the color of topaz. Pkt. 15c.

1448 Blue Bee—Velvet deep blue. Pkt. 15c; 1/8 oz. 65c.

1449 General Dodds—Rich blood red. Pkt. 15c; 1/16 oz. 45c.

1452 Howard's Star Improved—Large velvety purple with a white star. Pkt. 15c; 1/16 oz. 65c.

1453 Fine Mixed—Brilliantly marked flowers, many shades. Pkt. 10c; 1/8 oz. 45c.

1454 Formula Mixed—Exceedingly handsome and free flowering, contains greatest variety of colors, yellow throated, veined and blotched. Pkt. 15c; 1/8 oz. 75c.

Balcony Petunias

Used extensively in California for training up on lattice-work, fences, etc.

1425 Black Prince—Deep velvety maroon. Pkt. 15c.

1426 Blue—Deep violet blue. Pkt. 15c.

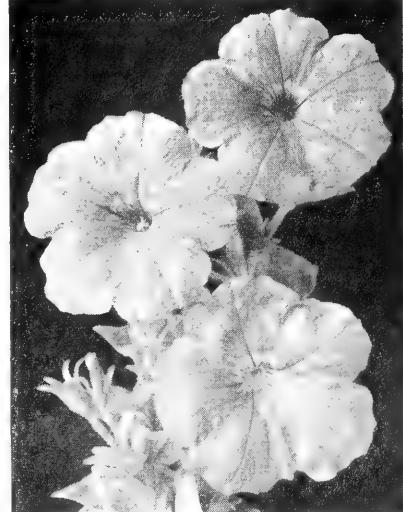
1427 Crimson—Rich velvety crimson. Pkt. 15c.

1430 Rose—Brilliant rose pink. Pkt. 15c.

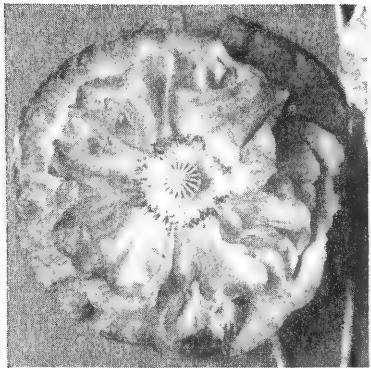
1431 White—Pure white. Pkt. 15c.

1432 Mixed—All colors. Pkt. 15c.

COLLECTION of one packet each of any four of above Balcony Petunias **45c**



LIPSTICK PETUNIA



SHIRLEY POPPY

A&M POPPIES

The different varieties of poppies are always favorites for outdoor display. Seed should be sown where the plants are intended to flower. Thin to 12 inches apart and give plenty of water just before buds appear. In California, October to March is the best planting season.

Single Annual Poppies

1520 **Shirley**—The most charming Poppy in cultivation. The blossoms are bright and showy and include an almost endless variety of colors, from pure white, pink, terra cotta, salmon, chamois and rosy carmine, to brilliant crimson, many of the flowers being beautifully flaked or edged with white. **Single Mixed Pkt. 10c; ½ oz. 35c.**

1527 **American Legion**—A brilliant orange-scarlet with contrasting yellow anthers. Height 2½-3 feet. **Pkt. 10c; ½ oz. 45c.**



SNAROL PELLETS are a specially prepared bait for the control of snails and slugs. Convenient Snarol Pellets can be broadcast freely in ivy, ivy geraniums and other heavy ground foliage because their weight carries them through the leaves to the damp, cool ground beneath where snails and slugs thrive. A pound of Snarol Pellets is sufficient to treat about 1200 sq. ft. of surface area. Also available in popular meal form.

1 lb. 35c; 2½ lbs. 75c; 6 lbs. \$1.65;
10 lbs. \$2.50; 50 lbs. \$10.75

Double Annual Shirley

- 1531 **Sweet Briar**—A beautiful deep rose-pink, full double Shirley Poppy. **Pkt. 10c.**
- 1532 **Dazzler**—Vivid orange-scarlet Begonia-like Poppy. **Pkt. 15c.**
- 1534 **Begonia Flowered Mixed**—Fully double and semi-double flowers. **Pkt. 15c.**

Iceland Poppies

A beautiful class of perennial Poppies. Sown in the fall or winter they flower early in the spring. The large crinkled blossoms are borne on graceful, wiry stems and resemble the Shirley Poppy in form and texture.

1511 **Kelmscott Giant Mixed**—The largest of Iceland Poppies. Stems are long and stiff, holding the flowers upright even after cutting. Colors range from deep scarlet through delicate shades of pink to white. **Pkt. 25c.**

1516 **Sandford's Giants**—The flowers are immense and borne on long, stiff stems making them excellent for cutting. A beautiful range of colors. **Pkt. 15c.**

1519 **The Empress**—A remarkable giant flowered poppy in lovely shades of salmon, rose and pink. Beautifully fluted and ruffled petals. **Pkt. 25c.**

1518 **The Emperor**—Deep tangerine orange. Extremely large, fluted petalled flowers. Strong, straight, wiry stems, 18 to 22 inches long. **Pkt. 25c.**

1517 **Yellow Wonder**—This very large flowered, bright buttercup yellow Poppy is an excellent cut flower. **Pkt. 25c.**

1512 **Single Mixed**—Good mixture for mass planting. **Pkt. 10c; ½ oz. 60c.**

QUEEN ANNE'S LACE

1552 **Queen Anne's Lace**—This hardy annual grows to a height of 2 to 2½ feet. Large loosely formed terminal clusters of tiny white flowers. **Pkt. 10c; ½ oz. 45c.**

RHODANTHE

1558 **Maculata Rosea**—The flowers hang like little bells on the stems and make a dainty cut flower either fresh or dried. **Pkt. 10c.**

PYRETHRUM

1550 **Single and Double Mixed**—Hardy, easily grown perennials with fine fern-like foliage. The flowers are Marguerite-like, and the colors vary from rose through pink to cream and white. They make very desirable cut flowers. Height 24 to 30 inches. **Pkt. 25c.**

RANUNCULUS

1554 **A&M Superba Hybrids**—This very popular flower may be grown readily from seed, sown in good sandy loam, covered lightly with sand and kept moist. May be planted from early fall to January and will flower the first season from seed. This is an extra fine double strain and contains a splendid range of colors. **Pkt. 25c; 1/16 oz. \$1.00.**

A&M PRIMULAS

Primroses are charming plants which blossom freely during the spring and winter. They should be sown from March to May and again July to August for a succession of bloom. All make splendid pot plants and some blossom freely out of doors during the winter.

1548 **Giant Flowered Obconica**—Extra large flowers in a wide range of pleasing colors. The large trusses are freely borne and bloom over a long period. **Pkt. 50c.**

Primula Giant Malacoides

A magnificent giant strain of Baby Primrose developed in Pasadena, California. Strong, robust growing plants, which, if well grown, will have from 30 to 50 spikes of large, well formed, rounded flowers when mature.

1547 **Giant Single Mixed**—**Pkt. 50c.**

1549 **Polyanthus Veris Mixed**—Very popular type for bedding. Bright colors, large flowers, good stems. **Pkt. 50c.**



PYRETHRUM

PORTULACA (Moss Rose)

Dwarf plants of spreading habit with fleshy stems and leaves, glossy, brilliantly colored, cup shaped, single blooms or rose shaped, double flowers, about 1 inch in diameter. Ideal for rock work or dry sunny locations. Annual. 1536 **Double Mixed**—Saved from the finest flowers only, and will produce a large percentage of doubles. **Pkt. 15c.**

1537 **Single Mixed**—Large flowers. **Pkt. 15c.**



PRIMROSE OBCONICA



CASTOR BEANS (*Ricinus*)

RICINUS (Castor Oil Plant)

1561 **Zanzibariensis Mixed**—The giant type of the Castor Bean. Foliage varies in shades of color during the different stages of growth. Very suitable for a windbreak. Pkt. 15c; oz. 45c.

ROCK GARDENS

1565 **Rock Garden Perennials Mixed**—A splendid mixture of over 50 varieties of perennials specially adapted to rock garden culture. Pkt. 25c; 1/8 oz. 65c.

RUDBECKIA

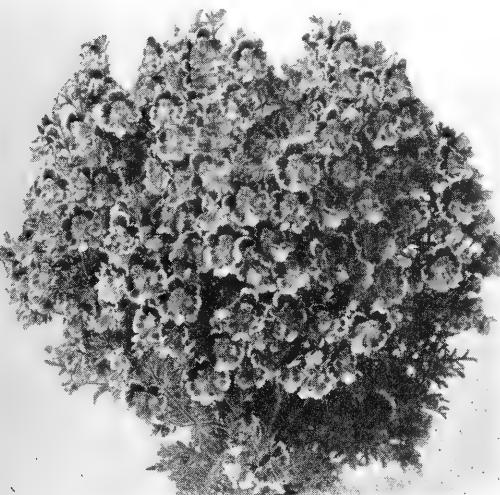
1566 **Starlight**—Hardy annual of easy culture bearing an abundance of double and semi-double flowers with dark cone in the center. Colors from primrose to mahogany. Pkt. 15c.

SCHIZANTHUS

Very beautiful and interesting annuals. Sow in open where plants are to flower. Exceptionally beautiful when in full bloom and literally covered with small orchid-like flowers. Height 18 inches.

1630 **Grandiflora Mixed**—Pkt. 15c.

1632 **Giant Hybrids** (Dr. Badgers Grandiflora)—An exceptionally brilliant large flowering strain of the grandiflora variety. Pkt. 25c.



GIANT HYBRID SCHIZANTHUS

FOR BEST RESULTS INOCULATE SWEET PEA SEED BEFORE SOWING WITH NOD-O-GEN INOCULATOR — Pkt. 15c

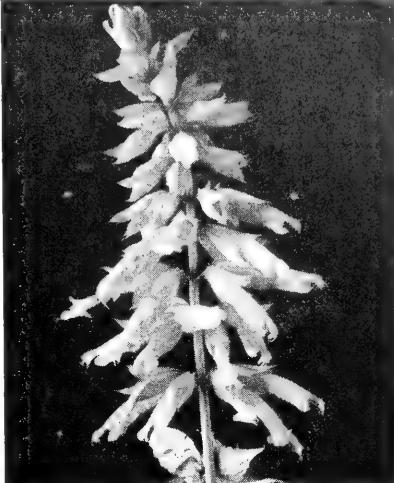
SALIGLOSSIS (Painted Glories)

This easily grown half hardy annual with its richly colored, velvety, lily-like flowers makes a glorious display in the garden or as a cut flower. A bed of these beautiful plants is one of the most striking features of the garden from June to September. May be planted in semi-shade or full sun. Height 2½ feet.

1579 **Dwarf Giant Flowering Mixed**—Large brilliantly marked flowers. Pkt. 15c.

1580 **Superbissima Mixed**—Containing many lovely color combinations. Pkt. 10c; 1/4 oz. 40c.

1581 **Gloxiniiflora Mixed**—Flowers are large and fantastically veined. Pkt. 10c; 1/4 oz. 45c.



SALVIA SPLENDENS

SALVIA (Flowering Sage) Scarlet

A tender perennial blooming the first year from seed. They make gorgeous plants, the brilliant red tubular blossoms are borne on long stems in spikes and are displayed with striking effect against deep green foliage.

1585 **St. Johns Fire**—Early, compact, uniform. Height 12 inches. Pkt. 25c.

1590 **Splendens**—Height 3 feet. Pkt. 35c; 1/16 oz. 60c.

1591 **Bonfire**—Compact bush 2 feet in height. Pkt. 25c; 1/16 oz. 75c.

Blue Shades

1595 **Farinacea Blue Bedder**—A hardy perennial. The spikes of deep blue flowers rise above the foliage in an almost continuous mass of bloom. Flowers are excellent for cutting. Height 2 feet. Pkt. 50c.

FOR HANGING BASKETS, WINDOW BOXES, ETC.

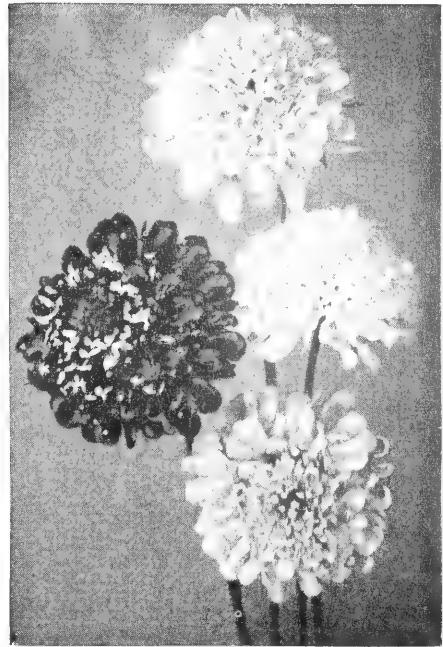
Drooping Habit

Alyssum	Nasturtium
Asparagus	Petunia
Sprengeri	Thunbergia
Lobelia	

FOR HANGING BASKETS, WINDOW BOXES, ETC.

Upright Habit

Coleus	Ageratum
Geranium	Primulas
Pansy	Candytuft
Viola	Nemesia
Begonia	



SCABIOSA—Annual Mixed

A&M SCABIOSA

Large Flowering Annual Varieties

Mourning Bride, Pin Cushion—The light colored stamens contrasting with the petals look like pins in a pin cushion. Flowers are borne on long, graceful stems and produce abundantly from spring until autumn. Sow seed in boxes and transplant or sow in open ground after frost is over or in the fall, and thin to 15 inches apart. Height 3 to 4 feet.

1602 **Imperial Giants Blue Moon**—Immense, deep lavender blue. Good stems.

1611 **Rosette**—Deep rose suffused with salmon.

1612 **Giant Salmon Beauty**.

1606 **Blue Cockade**—Large conical shaped flowers of deep azure blue.

1607 **Cattleya**—A rosy-lilac.

1609 **Giant Loveliness**—Varying shades of soft, delicate salmon-rose.

1603 **Ageratum Blue**—Medium blue.

1604 **Azure Fairy**—Light Blue.

1605 **Black Prince**—Deep red.

1610 **Peach Blossom**—Large light pink.

1613 **Shasta**—Pure white.

1608 **Fiery Scarlet**—Very brilliant.

Any of the above: Pkt. 15c; 1/4 oz. 45c.

1616 **Giant Flowered Hybrids Mixed**—Giant size flowers including many new and rare colors. Pkt. 25c; 1/4 oz. 40c.

1615 **Mixed**—All colors. Pkt. 10c; 1/4 oz. 35c.

Hardy Perennial Scabiosa

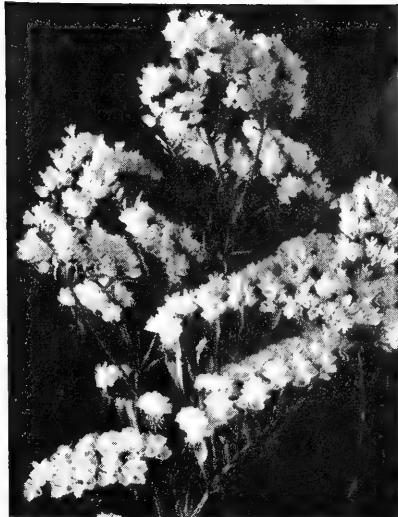
Somewhat different from the annual varieties as the flower is composed of shortened center florets surrounded by a collar. Height from 2 to 3 feet.

1619 **Caucasica Perfecta**—Lavender. Pkt. 50c.

1620 **Isaac House Hybrids**—The flowers are large with ruffled petals and range in color from white to darkest blue-lilac and mauve predominating. Pkt. 20c.

1621 **Columbaria Pink**—Flowers are 2 to 2½ inches across, borne on long slender stems. Attractive pink shades. Pkt. 50c.

1622 **Columbaria Lavender**—Pkt. 50c.



STATICE SINUATA

ORNAMENTAL BEAN

43 **Scarlet Runner**—A variety of climbing bean having rich scarlet blooms and most useful for decorative purposes in covering arbors and unsightly structures. **Pkt. 10c.**

SNAPDRAGON (See Antirrhinum)

STATICE

Sinuata—An everlasting flower. The plants throw large sprays of flowers which may be dried and make fine winter bouquets. The seeds should be kept quite moist until germinated. Annual.

1650 **Kampf's Tall Improved**—Deep blue. **Pkt. 15c; oz. 75c.**

1651 **Blue**—**Pkt. 15c; oz. 75c.**

1652 **Bright Yellow**—**Pkt. 15c; oz. 75c.**

1653 **Rosea Superba**—**Pkt. 15c; oz. 75c.**

1654 **White**—**Pkt. 15c; oz. 75c.**

1655 **Mixed**—**Pkt. 15c; oz. 60c.**

1657 **Caspia**—A lovely variety having blue minute flowers borne in long sprays, which is much used to mix with other flowers because of its dainty graceful effect. It is a hardy perennial. **Pkt. 10c.**

1658 **Latifolia**—Large branching sprays of minute lavender-blue flowers. Perennial. **Pkt. 10c.**

1659 **Perezii**—A hardy perennial. The leaves are large and glossy and the flower stalks grow to a height of 2 feet or more above the leaves and is crowned with a mass of small violet-blue flowers. **Pkt. 10c.**

SUN FLOWER (Helianthus)

These hardy annual flowers need plenty of sunlight and a well drained soil to make them thrive.

1723 **Sun Gold (Double)**—Large, massive, bright yellow flowers, height 3-4 feet. **Pkt. 25c; 1/2 oz. 35c.**

1724 **Red Sunflower**—Dark centered flowers of bright chestnut red, merging to a yellow at the tips. Height 6 feet. **Pkt. 15c; oz. 30c.**

1725 **Mammoth Russian**—Is planted largely for seed. It also makes a good windbreak and a very ornamental background. **Pkt. 10c.**

1720 **Miniature Excelsior Hybrids**—Single flowers 2 1/2-3 inches across in red, purple, brown, lemon. Height 5 feet. **Pkt. 10c; 1/2 oz. 40c.**

SWAN RIVER DAISY

See *Brachycome*

SWEET WILLIAM

Dianthus Barbatus

A hardy biennial blooming the second year from seed. Grows 1 to 2 feet high and bears its flowers in clusters at the end of a stiff stem.

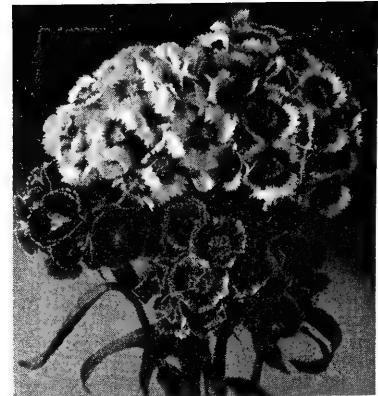
1840 **Newport Pink.** 1842 **Single Mixed.**

1841 **Scarlet Beauty.** 1843 **Double Mixed.**

Any of the above: **Pkt. 15c; 1/2 oz. 30c.**

1844 **Annual Single Mixed**—Fine mixture blooming the first year. **Pkt. 10c; 1/2 oz. 30c.**

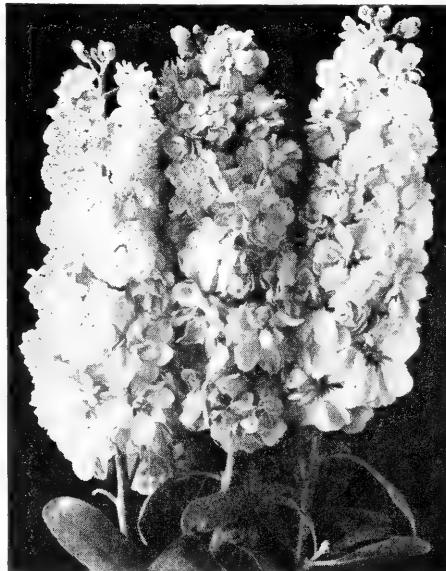
1845 **Dwarf Alpine Mixed**—A very dwarf variety only 4 inches tall. **Pkt. 15c.**



SWEET WILLIAM

A&M STOCKS

Sow the seeds of Stocks in flats or cold frame and transplant to the garden when they are 2 to 3 inches high. For winter bloom in Southern California they require sun and well drained soil and should be planted in July or August. A&M Stocks are selected to produce an average of 75% plants bearing double flowers. Stocks are an outstanding garden favorite because of their delicately colored spikes and fascinating fragrance.



GIANTS OF CALIFORNIA STOCKS

Giant Imperial (Bismarck)

This wonderful strain of Stocks is of branching habit making it possible to break long branches of flowers from the main stalk without injuring the plant. The sweet perfume of Stocks make them most desirable for garden or for vases. Height 2 1/2 feet.

1667 **American Beauty**—Deep rose.

1668 **Antique Copper**—Hellebore red.

1669 **Apple Blossom**—Blush.

1670 **Buttercup**—Yellow.

1671 **Chamois**—Ivory tinted rose.

1672 **Dark Blue**—Near purple.

1674 **Fiery Blood Red.**

1675 **Golden Ball**—Golden yellow.

1677 **Lavender**—Light lavender.

1678 **Lilac**—Dark lavender.

1680 **Rose**—Dark rose pink.

1681 **Shasta**—White.

1683 **Giant Imperial Mixed**

All at—**Pkt. 15c; 1/2 oz. 50c**

Giants of California

This magnificent Stock has the branching habit of Giant Imperial, but has even larger flowers on longer stems and is the best Stock yet introduced. Very early. Height 30 to 34 inches.

1701 **Golden Gate**—Yellow.

1699 **Mojave**—Purple.

1702 **Monterey**—Pink.

1703 **Pacific**—Blue.

1704 **Santa Barbara**—Chamois.

1705 **Santa Maria**—White.

1700 **Sequoia**—Rose carmine.

1706 **Tahoe**—Lavender.

1707 **The Redwoods**—Blood red.

1708 **Yosemite**—Rose.

All at—**Pkt. 25c; 3 pks. for 60c.**

1709 **Exquisite Mixed**—**Pkt. 20c; 3 pks. for 50c.**

Giant Perfection

This is a perpetual branching type with long stems, making it very desirable for cutting. The percentage of doubles is high. Height 2 ft. 1717 **Mixture of All Colors**—**Pkt. 25c; 1/2 oz. 35c.**

Early Mammoth Branching Nice

This type is excellent for bedding and borders and for cutting. Height 18 inches.

1716 **Giant Nice, Finest Mixed**—**Pkt. 10c; 1/2 oz. 35c.**

Large Flowering Ten Weeks

1718 **A&M Brilliant Mixed**—Wonderful strain for bedding. Height 1 foot. **Pkt. 15c; 1/4 oz. 55c.**

Column or Excelsior

1712 **Mixed**—Each plant produces only one huge spike. All the vigor is concentrated to make one spike with extra large flowers. Set plants 6 inches apart. **Pkt. 35c; 1/16 oz. \$1.00.**

EVERLASTING FLOWERS

Acroclinium

Gomphrena

(Globe Amaranth)

Gypsophila Paniculata

Helichrysum

Rhodanthe

Statice



*For Years and Years
of Pure
Garden Enjoyment*

PLANT

Perennial FLOWER SEED

874 CARNATIONS—Chabaud's Enfant de Nice
Mixed—Pkt. 50c



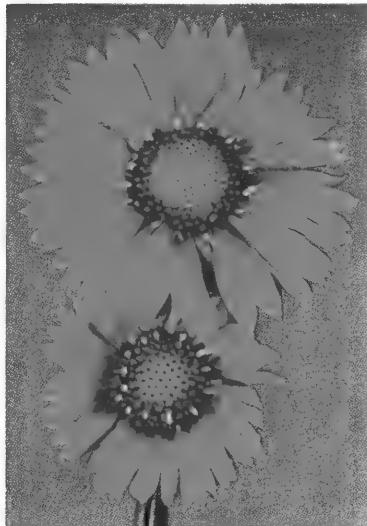
GEUM—Each, Pkt. 25c
1104 Mrs. Bradshaw—Red
1105 Lady Stratheden—Yellow



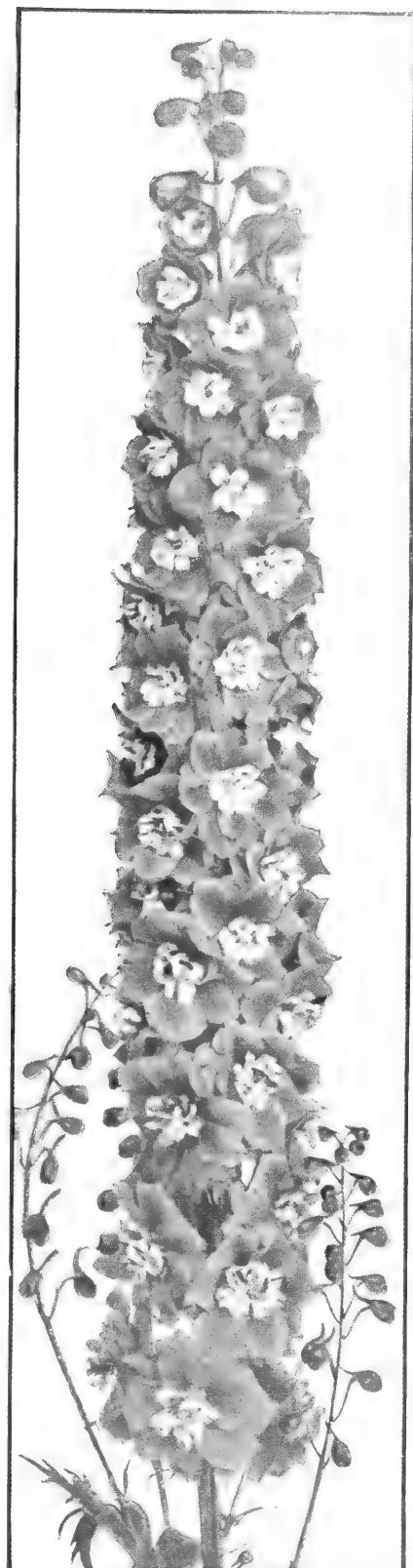
1549 POLYANTHUS PRIMROSES
Bright large flowers for bedding
Pkt. 50c



620 COLUMBINE, Elliot Hybrids—Pkt. 25c



GAILLARDIA
1091 Portola Hybrid
Pkt. 15c



DELPHINIUM

1007 Pacific Giants. A remarkable strain originated on the Pacific Coast. Huge double flowers $2\frac{1}{2}$ to $3\frac{1}{2}$ inches in diameter, symmetrically spaced on well balanced spikes. The exceptionally tall plants are quite resistant to mildew. Mixed. Pkt. 25c.

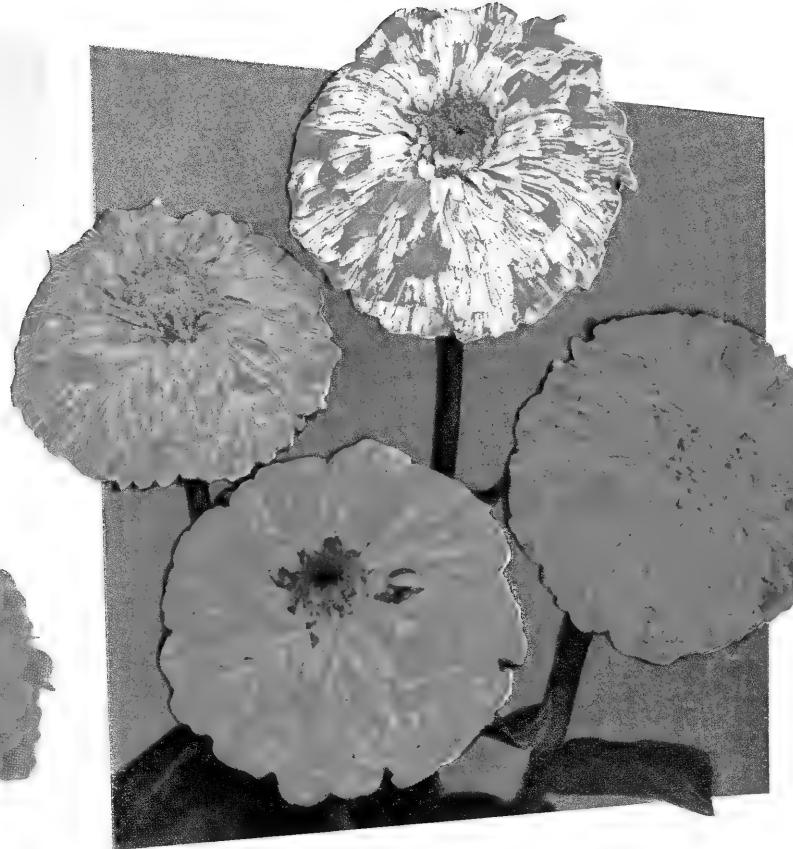
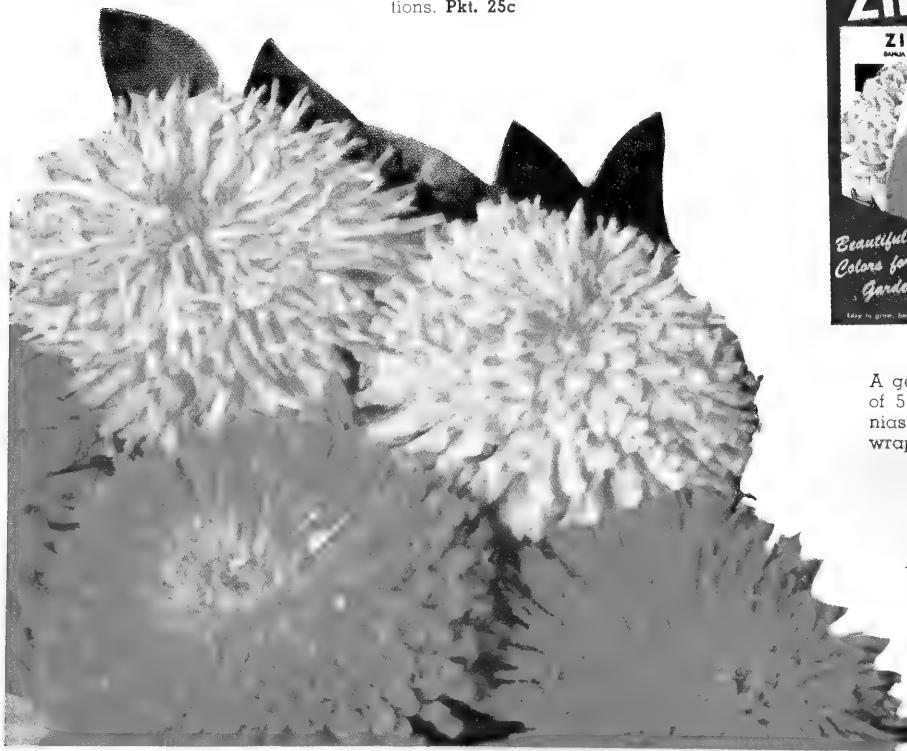
A&M

are among the most satisfactory summer flowers, thriving in the hottest weather, if given plenty of food and some water.



1952
All America Winner

2025 ZINNIA—Persian Carpet, Mixed—1952 All-America winner. Ball shaped flowers of good size in a sparkling range of variegated color combinations. Pkt. 25c



2024 ZINNIA — Peppermint Stick, Mixed — Medium sized flowers borne on strong plants growing about 3 feet tall. Petals are tipped in various color combinations. Pkt. 25c

Aggeier & Musser
DOUBLE TREATED
ZINNIA Collection
DAHLIA FLOWE

75¢ Value
50¢

ZINNIA DAHLIA FLOWERS DAHLIA FLOWERS DAHLIA FLOWERS DAHLIA FLOWERS DAHLIA FLOWERS

Beautiful Colors for Your Garden
Enjoy them in Your Home

THIS IS OUR COLLECTION No. 6

A generous assortment of 5 packets: one each of 5 named varieties of Dahlia flowered Zinnias attached to color-illustrated card, and wrapped in cellophane.

← 1933 Burpee's HYBRID ZINNIAS

Immense fluffy flowers with gracefully curled Chrysanthemum-like petals in a wonderful color range including pastels.
Pkt. 25c

SWEET PEAS (A&M Double Treated)

Early Mammoth Ruffled Spencer

In Southern California, planting season begins August 1 and continues throughout the fall and winter months. August and September plantings should bloom by November. To prolong the blooming season cut flowers regularly to prevent their forming seed pods. Sweet Peas require cool soil to sprout. Sweet Peas respond to fertilization and a liberal amount of barnyard manure, a complete plant food and organic matter should be used in preparing the soil.

Ask for
Sweet Pea Culture Bulletin No. 11

GENERAL LIST

All the following named varieties priced at
Pkt. 15c; 1/2 oz. 40c; oz. 75c; 1/4 lb. \$2.15; lb.
\$7.50.

- 1732 **Blue Bonnet**—Extra large, true deep blue.
- 1734 **Bridesmaid**—Deep silvery pink.
- 1735 **Cascade**—Large, pure white, long stems.
- 1736 **Coquette**—Coral pink shaded amber.
- 1727 **Cavalcade**—Rich golden cerise.
- 1738 **Evening Star**—Brilliant orange scarlet.
- 1739 **Fiesta**—Glistening orange cerise.
- 1740 **Gardenia**—Large ruffled white.
- 1737 **Golden Bear**—Ruffled golden coral.
- 1726 **Hiawatha**—Rich deep rose.
- 1744 **Laddie Improved**—Rose pink. Extra large.
- 1746 **Memory**—A clear rosy-lavender.
- 1747 **Mrs. Reddick**—Brilliant flesh pink.
- 1749 **Oriental**—Large deep clear cream.
- 1750 **Miss Alabama**—Maroon. Strong grower.
- 1755 **Sequoia**—Rich golden cerise.
- 1756 **Shirley Temple**—Soft rich rose-pink.
- 1758 **Susanna**—Large ruffled carmine red.
- 1759 **Tahoe**—Large ruffled flowers of mid-blue.
- 1761 **Top Hat**—Deep velvety violet.
- 1729 **Treasure Island**—Very large orange.
- 1760 **Triumph**—Delicate lilac mauve.
- 1762 **Vulcan**—Vivid scarlet.

SPECIAL COLLECTION

A selected assortment of five 15c packets
EARLY MAMMOTH RUFFLED SPENCER
SWEET PEAS

1 packet each of 5 separate colors. **50c**
our selection

1766 **A&M Early Mammoth Ruffled Spencer Mixed**—Formula hand mixture of many fine varieties including some of the late introductions and improved strains. Plant 1 oz. to a 30-foot row. Pkt. 15c; 1/2 oz. 25c; oz. 45c; 1/4 lb. \$1.50; lb. \$5.50.

RAINBOW COLLECTION No. 2
Six 15c packets of A&M Early Mammoth Ruffled Spencer and one packet of Inoculator **65c**

One packet each—Memory, Golden Bear, Tahoe, Gardenia, Evening Star, Coquette.



NEW SWEET PEA

Early Flowering Multiflora

Large well formed, well set flowers on long strong stems. Five to eight flowers to a stem and sometimes more.

1835 **Mixed Colors**—Pkt. 50c; 1/2 oz. \$2.00; oz. \$3.75.

STANDARD GIANT SPENCER For Spring and Summer Bloom

The Giant Spencers listed below are particularly recommended for spring and summer blooming. Many of the flowers are ruffled and wavy.

All the following varieties priced at Pkt. 15c; oz. 40c.

- 1796 **Flora**—The most outstanding lavender.
- 1799 **Mayfair**—Giant shell pink.
- 1802 **Patricia Unwin**—Rich golden salmon.
- 1793 **Red Rover**—Deep crimson scarlet.
- 1804 **Snow White**—Huge glistening white.
- 1806 **Windsor Blue**—Long stemmed, mid-blue.
- 1813 **A&M Giant Spencers Mixed**—Pkt. 15c; oz. 30c; 1/4 lb. 90c; lb. \$3.00.

RAINBOW COLLECTION No. 3
6 packets Standard Giant Spencer **50c**
and 1 packet Inoculator.....

One packet each of above varieties.

FOR WINTER AND SPRING BLOOM

CUTHBERTSON

This new type has great vigor, profusion of fragrant blossoms, long stems and is especially adapted to sections where Sweet Peas have been unsuccessful due to hot weather.

- 1818 **Carol**—Clear pink.
- 1819 **Cathrine**—Bright cerise.
- 1820 **Coline**—Brilliant scarlet.
- 1821 **Danny**—Deep blue.
- 1822 **Evelyn**—Salmon cream pink.
- 1823 **Flora**—Rose carmine.
- 1824 **Frances**—Salmon pink.
- 1825 **Frank G**—Pure lavender.
- 1826 **Hazel**—Clear, light blue.
- 1827 **Helen**—Blush pink.
- 1828 **Janet**—White. Black seed.
- 1829 **Kenneth**—Rich crimson.
- 1830 **Liza**—Deep maroon.
- 1831 **Mixed**—All colors.

Pkt. 15c; 1/2 oz. 25c; oz. 45c; lb. \$4.50

RAINBOW COLLECTION No. 4

A colorful assortment of five 15c packets CUTHBERTSON SWEET PEAS. 1 packet each of 5 separate colors Our selection **50c**

Cupid Sweet Peas

These Sweet Peas make the most brilliant and showy parkings, beds and low borders imaginable. They grow about 8 inches high and each plant is about 1 foot in diameter.

1836 **Cupid Spencer Mixed**—Pkt. 25c; 1/2 oz. 75c.

● FOR YOUR PROTECTION—All our Sweet Pea Seed is A&M NEW METHOD DOUBLE TREATED to promote better germination, resistance to damping off and more sturdy growth.

New and Distinctive A&M SWEET PEAS

1728 **Avalon**—Large clear mid-blue. Pkt. 20c.

1751 **Rhapsody**—A delightful shade of rosy-lavender. Pkt. 20c.

1752 **Snowdrop**—Large, ruffled flowers of pure satiny white. Pkt. 20c.

1753 **Sutter's Gold**—Dazzling orange-scarlet duplex. Pkt. 20c.

1757 **Sparks**—Intense sparkling orange scarlet. Does not burn. Pkt. 20c.

1760 **Tops**—Large ruffled rose-pink. Pkt. 20c.

RAINBOW COLLECTION No. 1

This colorful assortment has easily detached price tag, and makes a very acceptable gift. Contains one 20c packet each of six new and distinctive varieties of A&M Mammoth Ruffled Spencer Sweet Peas listed above and one packet of Inoculator. A regular \$1.35 value. Postpaid for only.....

\$1.00



MAMMOTH MIXED VERBENAS

A&M VERBENAS

A hardy perennial of trailing habit and one of the finest and best known for beds, parkings, etc. The colors are brilliant and varied and the new large flowered strains are handsome as cut flowers. The flowers are fragrant and produced freely throughout most of the year. They will stand much neglect after established, requiring but little water.

Hybrida Mammoth

- 1872 Blue—Blue shades. Pkt. 15c.
- 1873 Defiance Scarlet—Bright. Pkt. 15c.
- 1874 Pink—Pink shades. Pkt. 15c.
- 1877 White—Dense heads. Pkt. 15c.
- 1878 Mixed—Pkt. 10c; $\frac{1}{4}$ oz. 50c.

COLLECTION 59—One packet each of 4 above named varieties, postpaid **45c**

Hybrida Giants

A new strain of Verbena with the same characteristics as the mammoth except that each floret in the cluster is much larger.

- 1881 Beauty of Oxford Hybrids—Brilliant rose.
- 1882 Cerise Queen—A soft salmon cerise.
- 1891 Royale—Royal blue, creamy yellow eye.
- 1883 Spectrum Red—Brightest red of all.
- 1884 Lavender Glory—Lavender, creamy eye.
- 1886 Etna—Garnet red, deep cream eye.
- 1887 Giant Salmon Pink—Huge clusters.
- 1888 Luminosa—Glowing flame pink.
- 1889 Lucifer Scarlet—No eye.
- 1890 Rosea Stellata—Rose pink with white eye.
- 1885 Sutton's Blue—Bright mid-blue.
- 1892 Violacea Stellata—Purple, white eye.
- 1893 White—Pure white.

Any of the above: Pkt. 25c.

1894 Hybrida Giant Mixed—Pkt. 15c; $\frac{1}{4}$ oz. 95c.

THUNBERGIA (Black Eyed Susan)

1851 Alata Mixed—A free blooming tender perennial climber with attractive triangular leaves. The tubular flowers, about 1 inch across, vary through orange, yellow and white with black eyes. Pkt. 15c; $\frac{1}{4}$ oz. 50c.

1852 Gibsoni—Brilliant orange flowers, 1½-2 inches in diameter. Pkt. 25c.

TITHONIA (Mexican Sunflower)

1855 Torch (AAS)—Brilliant orange scarlet flowers, similar to a small flowered single dahlia, borne on compact 4-foot plants. Very desirable for backgrounds or tall borders. As easily grown as a Zinnia. Thrives in hot weather. Pkt. 25c.

TRITOMA

1859 Luminous Hybrids—Red Hot Poker. Flowers range in color from deep yellow to coral, orange and scarlet with some very striking combinations. Pkt. 20c.

VENIDIUM

1865 Fastuosum—Large orange-yellow, daisy-like flowers, with a large purple-black center. Height 2 feet. Pkt. 20c.

1866 Hybrids (New)—Beautiful shades of apricot, white, salmon, yellow and orange. Pkt. 25c.

VIOLA CORNUTA

"Tufted Pansies"—The flowers are not so large as regular pansies but bloom so freely that for bedding they are unsurpassed.



A VIOLA PLANTING

1903 Chantreyland—Improved pure apricot. Pkt. 50c.

1901 Arkwright Ruby—Ruby crimson. Pkt. 50c.

1902 Blue Butterfly—Pkt. 50c; $\frac{1}{16}$ oz. \$1.00.

1906 Blue Perfection—Deep bright blue. Pkt. 50c; $\frac{1}{16}$ oz. \$1.00.

1907 Papilio—Light blue. Pkt. 50c; $\frac{1}{16}$ oz. \$1.00.

1909 White Perfection—Pkt. 50c; $\frac{1}{16}$ oz. \$1.00.

1910 Yellow—Pkt. 50c; $\frac{1}{16}$ oz. \$1.00.

1911 Mixed—Pkt. 15c; $\frac{1}{16}$ oz. 75c.

1912 Johnny Jump-up—Tiny yellow and blue flowers. Pkt. 25c.

VIOLET

1915 Dark Blue—Very sweet smelling and probably the most popular of *Viola Odorata* strain. Hardy perennial. Height 6 in. Pkt. 25c.

VINCA

1900 Rosea (Madagascar Periwinkle)—An attractive plant with dark green, glossy foliage and handsome pink and white single flowers. Perennial. Height 15 inches. Pkt. 15c; $\frac{1}{4}$ oz. 45c.

VIRGINIAN STOCKS

1917 Mixed—Hardy annual. The plants produce quantities of small four-petaled flowers in bright colors and bloom for many weeks. Height 8 inches. Pkt. 10c; $\frac{1}{2}$ oz. 45c.

We Recommend to our customers

POPULAR GARDENING

America's gardening magazine, filled with how-to-do-it gardening features and pictures, and

COUNTRY GENTLEMAN

the "two-in-one-magazine" jam-packed with helpful features for Better Farming and Better Living.

VISCARIA

1918 Mixed—Exceedingly showy annual suitable for bedding. Produces large single flowers freely through the summer in colors of blue, white and red. Height 1 foot. Pkt. 10c.

WALLFLOWER

Delightfully fragrant flowers growing in spikes similar to Stocks.

1919 Annual Single Mixed—A beautiful single variety which flowers during the summer from seed sown in the spring. Pkt. 10c.

A&M CALIFORNIA WILD FLOWERS

1929 Mixed—A splendid mixture of true California wild flowers so blended as to give a succession of bloom from early spring to mid-summer. They may be planted from fall to early spring—a larger bloom resulting from the fall planting. Five pounds of seed is sufficient to plant an acre. Pkt. 15c; oz. \$1.00; $\frac{1}{4}$ lb. \$3.00; lb. \$10.00.

PROTECT YOUR GARDEN WITH

PORTCO SCARE-AWAY



The Modern Scarecrow
Shiny aluminum strips crackle and flash. Keep birds or animals away day and night. Lasting protection for gardens.
10 strip pkg..... 25c
Commercial pack of 100 \$1.80

PORTCO Cinch-ties

Wire Center Twine For Quick Tying
Durable green wire center twine in 8' lengths or handy ball of 250' and 500'. Cut to desired lengths for quick tying flowers, vines, annuals.
100 8-in. \$.25
250 ft. ball..... \$1.00
500 ft. ball..... \$1.75



PORTEO Garden Twine

Weatherized!
No Shrink! No Sag!

Durable, extra-strong weatherized twine lasts more than a full season. Ball is wound for convenient center pull—will not unravel.
250 ft..... 30c
500 ft..... 50c

SEE THEM AT YOUR DEALERS



A&M CALIFORNIA ZINNIAS

The Zinnia is one of the most satisfactory flowers to grow through the summer. It thrives in even the hottest weather, if given plenty of food and a moderate amount of water.



DAHLIA FLOWERED ZINNIA

A&M California Mammoth California Giants

Enormous flowers often measuring 5 to 6 inches across, well formed, with a smooth topped graceful appearance, the petals lying flat upon each other. Height 3 to 4 feet.
 1962 **Cerise Queen**—Cerise rose.
 1963 **Daffodil**—Cerise yellow.
 1964 **Enchantress**—Light rose, deep rose center.
 1966 **Golden Queen**—Golden yellow.
 1965 **Lavender Queen**—Deep lavender.
 1967 **Miss Willmott**—Soft pink.
 1969 **Orange King**—Orange scarlet.
 1970 **Orange Queen**—Golden orange.
 1971 **Purity**—White.
 1972 **Rose Queen**—Deep rose.
 1973 **Salmon Queen**—Salmon rose.
 1974 **Scarlet Queen**—Deep scarlet.
 1975 **Violet Queen**—Deep purple.
 All at—Pkt. 15c

COLLECTION 61—One packet each of six named varieties, your selection **65c**

1978 **California Mammoth Mixed**—The flowers are beautiful and the stems long. Pkt. 10c; $\frac{1}{4}$ oz. 35c; oz. \$1.00.

Super Giants

1980 **Finest Mixed**—Giant blooms with wide range of lovely colors and color combinations. The plants are very sturdy and grow to a height of 3 feet. Pkt. 25c; $\frac{1}{4}$ oz. 40c.

Fantasy

The shaggy informality of this Zinnia immediately recommends it. The flowers are of medium size they are easily handled and can be gracefully arranged.
 2010 **Star Dust**—Golden yellow. Pkt. 25c.
 2009 **White Light**—White. Pkt. 25c.
 2006 **Wildfire**—Dazzling scarlet. Pkt. 25c.
 2011 **Fantasy Mixed**—Includes the bright shades of red, yellow and orange as well as the pastel shades. Pkt. 25c; $\frac{1}{4}$ oz. 45c.

Elegans Bedding Zinnia

Medium Flowered (Cut and Come Again)
 2005 **Dwarf Mixed**—Flowers measure about 2 inches across, having long stems and for bouquets and vase work are both graceful and attractive. Height 2 feet. Pkt. 15c; $\frac{1}{4}$ oz. 35c.

COLLECTION No. 6

This generous assortment will give you plenty of color in your garden.
 1 packet each of 5 named varieties, our selection, of the famous Dahlia Flowered Zinnia. Cellophane wrapped and attached to colorful card, this collection makes a fine gift to a gardening friend.

A 75c value,

postpaid for only.....

50c

New Zinnias

CREEPING ZINNIA

2016 **Orange Glory**—A new color in one of the most satisfactory ground covers available. Heat loving, easy to grow, 6 to 7 inches high and spreads as much as 14 inches. Bears masses of double, $\frac{1}{2}$ -inch, bright orange flowers all summer. Pkt. 25c; 3 pkts. 60c; $\frac{1}{4}$ oz. 80c.

ZINNIA NOVELTIES

Giant Hybrids (Burpee)

1933 **Mixed**—Immense fluffy flowers with gracefully curled Chrysanthemum-like petals. Wonderful range of colors, many being pastel shades. Pkt. 25c.

Peppermint Stick

2024 **Mixed**—Medium sized flowers borne on strong plants growing about 3 feet tall. Petals are tipped in various color combinations giving a very interesting effect. Pkt. 25c; $\frac{1}{4}$ oz. 65c.

Persian Carpet

2025 **Mixed (AAS)**—Fully double, ball shaped flowers of good size in a sparkling range of variegated color combinations of many rich shades. Flowers with cutting stems borne on low, mound-shaped border and edging plant. Pkt. 25c.

A&M Lilliput or Pompon

Pompon Zinnias are easily grown and the flowers compare favorably with the Pompon Dahlia. Height 2 feet.

1985 **Canary Yellow**—Primrose yellow.

1986 **Crimson Gem**—Dark crimson.

1984 **Golden Gem**—Golden orange.

1993 **Rose Bud**—Rose.

1989 **Salmon Rose**—Florists' favorite.

1990 **Scarlet Gem**—Bright red.

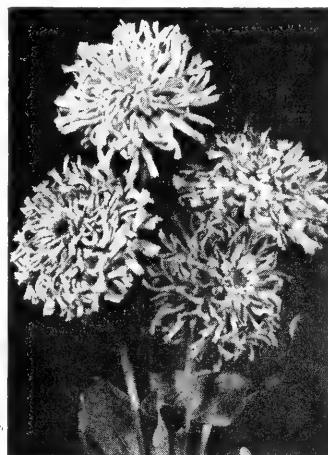
1992 **Violet Gem**—Violet, lilac shades.

1991 **White Gem**—Pure white.

All at—Pkt. 15c; $\frac{1}{4}$ oz. 40c

1995 **Pompon Mixed**—Containing all colors. Pkt. 15c; $\frac{1}{4}$ oz. 35c.

COLLECTION 61-A—One packet each of five varieties, your selection..... **35c**



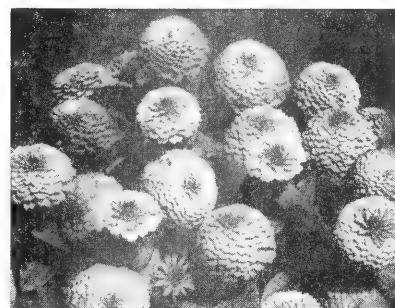
FANTASY FLOWERED ZINNIA

Super Crown o' Gold

1982 **Pastel Tints Mixed**—This Zinnia is an entirely new selection in color combinations. Each petal of the flower is overlaid with golden yellow at the base while carrying out the individual color at the top. The type of flower and habit of growth are similar to the Dahlia Flowered Zinnia. Pkt. 25c; $\frac{1}{4}$ oz. 45c.

Zinnia Linearis

2023 **Linearis**—A very interesting dwarf single variety. The dainty flowers are a lovely shade of golden orange, with a delicate lemon yellow stripe through each petal. The flowers are produced in great profusion. Pkt. 25c.



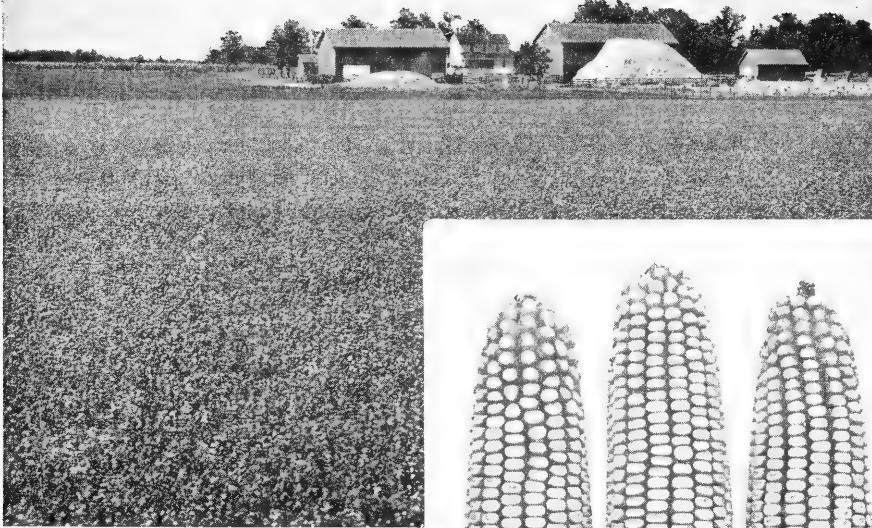
TOM THUMB ZINNIA

Tom Thumb

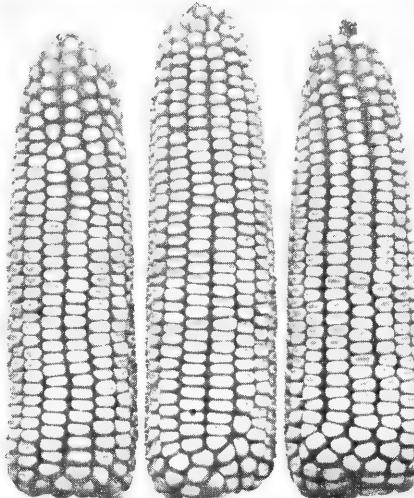
2013 **Mixed**—The compact plants of this dainty strain are 6-8 inches high and are covered with well-formed flowers of the Lilliput type. Pkt. 25c; $\frac{1}{4}$ oz. 60c.

Scabiosa Type (Harmony Type)

2012 **Mixed Colors**—Much resembling the Scabiosa. Flowers are 2 to 3 inches across. Pkt. 20c.



A&M FARM SEEDS



A & M "Y" STRAIN CORN

FIELD CORN

Sow 10 to 15 lbs. per acre—Write for Quantity Prices

A&M "E" Strain—A Yellow Hybrid and a wonderful producer of ensilage or late grain. Grows to an average height of 16 feet. Has large ears and many suckers. Strong grower, matures in approximately 112 days. Exceptionally heavy root system. Withstands strong winds. Requires less irrigation, is more drought resistant than open pollinated. Grows well in both light and heavy soils. Strong stalks, large ears, an abundance of foliage and high dry matter content of corn and ear make this an ideal ensilage corn. 1 lb. 45c; 10 lbs. \$4.00. Postpaid.



A&M "Y" Strain—A new Yellow Hybrid Corn developed to produce a greater yield. Heavy grain producer with an average yield of 100 bushels to the acre. Good, big ears with unusually deep kernels. An early type approximately 100 days to maturity. Drought resistant, does well in most any soil. Stronger grower with a heavy root system, requires less irrigation. Withstands heavy winds. Good ensilage variety. 1 lb. 45c; 10 lbs. \$4.00. Postpaid.



Ensilage Corn—This has long been a favorite white corn for the silo. It is very stalky and stands up well. Under irrigation and on good soil it has produced more ensilage than any other crop. 1 lb. 35c; 10 lbs. \$3.00. Postpaid.

King Philip—A yellow flint 90-day corn planted quite extensively in California for grain. 1 lb. 35c; 10 lbs. \$3.00. Postpaid.

Big Jim—The large ears averaging 12 inches in length are very prolific. 1 lb. 35c; 10 lbs. \$3.00. Postpaid.

Hickory King—An early white corn with exceptionally large kernels. 1 lb. 35c; 10 lbs. \$3.00. Postpaid.

Mexican June—A white corn which is exceptionally resistant to drouth and heat. 1 lb. 35c; 10 lbs. \$3.00. Postpaid.

Orange County Prolific—This white corn has long been recognized as one of the most satisfactory silage corns. 1 lb. 35c; 10 lbs. \$3.00. Postpaid.

MUNG BEAN

Used mainly for bean sprouts. The seeds are quite small, borne in pods about 10 inches long and containing 10 to 15 seeds. Plant seed 3/4 to 1 inch deep in rows 30 to 36 inches apart and 1 foot apart in the row, using 10 lbs. to the acre. Matures in 75 days. 1 lb. 55c; 10 lbs. \$5.00. Postpaid.

SOY BEAN YELLOW

Pods contain from 1 to 4 beans. Average yield is 2,000 to 2,500 lbs. per acre. Plant in rows 3 feet apart and 1 foot apart in the row, using 20 to 25 lbs. of seed per acre. Matures in 90 days. 1 lb. 40c; 10 lbs. \$3.50. Postpaid.

Write for Quantity Prices.

GRASSES

If you have special conditions or problems to meet, just drop us a line and we will be pleased to help you. Ask for the A&M Special Pasture and Hay Guide.

Write for Quantity Prices.

Permanent Irrigated Pasture Mixtures

The planting of permanent pastures under irrigation in California is increasing rapidly. Select the mixture best suited to your soil from the list below.

Mixture	Seed No.	Type	Soil	per Acre	per Acre	Price	Seed
1	Medium to Heavy...	17 lbs.		\$13.25			
2	Light to Sandy.....	19 lbs.		\$13.90			
3	Alkali	12 lbs.		\$12.50			

Postpaid. Write for quantity price.

ALFILARIA

Erodium cicutarium—Alfileria or "filaree" is good pasture at all stages of its growth, even when mature and dried up. Will grow in practically any soil, except swamps and excessive alkali. Sow just before rainy season. Sow 5 lbs. per acre. 1 lb. \$1.00; 10 lbs. \$9.50. Postpaid.

BERMUDA

Cynodon dactylon—Bermuda Grass is unquestionably the best pasture grass in the south. Sheep can graze upon it from 7 to 9 months in the year. Sow seed during May and June, 5 lb. per acre. 1 lb. 85c; 10 lbs. \$8.00. Postpaid.

BLUE GRAMA

Bouteloua gracilis—A hardy perennial grass especially adapted for desert conditions. Stands altitude of 5,000 feet. Very high feeding value and relished by all kinds of stock. Sow 5 lbs. per acre. 1 lb. 70c; 10 lbs. \$6.50. Postpaid.

BURNET

Not a true grass but a hardy, broad-leaved, herbaceous perennial with crowns below soil. Excellent sheep pasture which grows summer and winter. Deep rooted, stands drought. Sow 10 lbs. per acre. 1 lb. 85c; 10 lbs. \$8.00. Postpaid.

CRESTED WHEAT GRASS

Agropyron cristatum—This very hardy perennial bunch grass is relished by all kinds of livestock both as pasture or hay. Sow seed from early spring to early fall. Drill 10 to 12 lbs. per acre and cover seed 1/2 inch. 1 lb. 85c; 10 lbs. \$8.00. Postpaid.

CHEWINGS FESCUE

Festuca rubra commutata—One of the best grasses to sow in a meadow. Mixed with Red Top and White Clover it is a valuable pasture grass. Sow 20 lbs. per acre. 1 lb. \$1.40; 10 lbs. \$13.50. Postpaid.

DALLIS

Paspalum dilatatum—A long lived perennial which grows on almost any soil, even marshes, and tolerates some alkali. Very palatable, has high food value and makes good pasture or hay. Grows winter and summer with moisture. Dormant with drought but recovers quickly with moisture. Sow 10 lbs. per acre broadcast. 1 lb. \$1.55; 10 lbs. \$15.00. Postpaid.

HARDING GRASS

Phalaris stenoptera—A true long-lasting, hardy perennial which grows on almost any soil. It will maintain itself year after year and produce abundant pasture. Under irrigation makes rapid growth both summer and winter. Sow in fall. Drill 3 lbs. or broadcast 10 lbs. per acre. 1 lb. \$1.30; 10 lbs. \$12.50. Postpaid.

MEADOW FESCUE

Festuca elatior—Deep rooted, long lived perennial. It is recommended in combination with Ladino clover. Sow 25 lbs. per acre. 1 lb. 60c; 10 lbs. \$5.50. Postpaid.

ORCHARD (Cocksfoot)

Dactylis glomerata—Does well in most soils but is not drought resistant. Sow 25 lbs. per acre. 1 lb. 55c; 10 lbs. \$5.00. Postpaid.

PERENNIAL RYE GRASS

Domestic, *Lolium perenne*—Vigorous grower, starts early in the spring and grows late in the fall. Does not stand drought. Sow 30 to 35 lbs. per acre broadcast. 1 lb. 40c; 10 lbs. \$3.50. Postpaid.

RYE GRASS ITALIAN DOMESTIC

Lolium multiflorum—Rapid grower. Will not stand drought. Biennial. Sow 30 lbs. per acre. 1 lb. 30c; 10 lbs. \$2.50. Postpaid.

RED TOP

Agrostis alba—A perennial grass especially adapted for growing in wet situations. Makes excellent pasture and good hay. Sow 14 lbs. per acre. 1 lb. \$1.00; 10 lbs. \$9.50. Postpaid.

REED'S CANARY GRASS

Phalaris arundinacea—A coarse perennial grass particularly adapted to swampy ground. Sow 8 lbs. per acre. 1 lb. 75c; 10 lbs. \$7.00.

RHODES GRASS

Chloris gayana—Probably the best hardy perennial grass for alkaline soil. Sow from March to August. Sow 15 lbs. per acre. 1 lb. \$1.25; 10 lbs. \$12.00. Postpaid.

Write for Quantity Prices

RUSSIAN BROME

Bromus inermis—Withstands cold or drought and water may stand on it for weeks. Provides pasture for most of the year and also makes good hay. Sow 20 lbs. per acre. 1 lb. 50c; 10 lbs. \$4.50. Postpaid.

TALL FESCUE

Festuca elatior arundinacea—Deep rooted perennial, tall type fescue. Excellent for permanent pasture. Requires irrigation. Sow 25 lbs. per acre. 1 lb. 60c; 10 lbs. \$5.50. Postpaid.

TIMOTHY

Phleum pratense—Sow 15 to 20 lbs. per acre. 1 lb. 35c; 10 lbs. \$3.00. Postpaid.



ALFALFA FIELD READY FOR CUTTING

A&M SELECTED DWARF MILO MAIZE

Seed per acre 3 to 5 lbs., height 4 feet, yield 2,000 to 2,500 lbs. grain. This variety can be cut and harvested in the same way as grain. 1 lb. 35c; 10 lbs. \$2.50; 25 lbs. \$4.50. Postpaid.

DOUBLE DWARF MILO MAIZE

Seed per acre 3 to 5 lbs.; height 2-2½ feet; 2,000 to 2,500 lbs. grain. This variety can be cut and harvested in the same way as grain. 1 lb. 35c; 10 lbs. \$2.50; 25 lbs. \$4.50. Postpaid.

SUDAN GRASS

(Drill 8 lbs. or broadcast 20 lbs. per acre)

Sudan Grass is an annual which endures much alkali. Planted during April, first cutting in 60 days may yield 4 tons of dry hay per acre and 3 to 4 tons may be cut each 30 days until October.

Sudan Grass 23—Vigorous, higher yielding leafier and more uniform strain of Sudan. It makes an average of 15% increased yield over ordinary Sudan. 1 lb. 35c; 10 lbs. \$3.00. Postpaid.

Sudan Grass—This is the regular strain and is slightly earlier than 23 but not so leafy or productive. 1 lb. 30c; 10 lbs. \$2.50. Postpaid.

Sudan Grass, Sweet—A cross between regular Sudan Grass and Lethi Sweet Sorghum which makes it sweet and juicy. 1 lb. 35c; 10 lbs. \$3.00. Postpaid.

Write for Quantity Prices



SUDAN GRASS

ALSIKE OR SWEDISH CLOVER

Trifolium hybridum—Sow 20 lbs. per acre. Perennial and does not winter kill. Will do better on moist land than any other variety of clover, is suitable for either hay or pasture. 1 lb. 70c; 10 lbs. \$6.50. Postpaid.

BIRDSFOOT TREFOIL

Lotus corniculatus—Sow 5 lbs. per acre. Produces 4 to 6 tons of hay per acre. Slow to start, best growth in second year. Plant in fall. Domestic Narrowleaf—1 lb. \$1.60; 10 lbs. \$15.00. Imported Broadleaf—1 lb. \$1.35; 10 lbs. \$13.00.

A&M ALFALFA

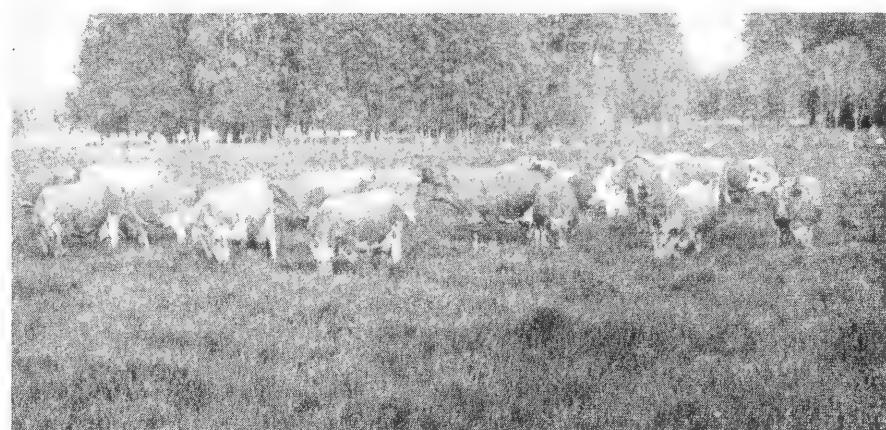
Sow 20 lbs. per acre.

Chilean (Common)—The most popular variety. Excellent leafy forage and high quality hay. Requires plenty of irrigation. Will stand extreme heat as well as low temperatures. A&M Superior Brand (Highland Grown): 1 lb. 50c; 5 lbs. \$2.40.

Hairy Peruvian—This variety is harder and it does produce more hay the first year than common alfalfa, but it does not endure as well. 1 lb. 50c; 5 lbs. \$2.40.

African—Yields approximately 25% more than common alfalfa owing to the fact that it will continue to grow at lower temperatures. 1 lb. 50c; 5 lbs. \$2.40. Postpaid.

Indian—Practically the same as African but has slightly lower content of carotin. 1 lb. 50c; 5 lbs. \$2.40. Postpaid.



GRASS AND CLOVER PASTURE (IRRIGATED)



LADINO CLOVER

HUBAM CLOVER

Melilotus alba—Annual. Sow 12 to 15 lbs. per acre. A rapid growing annual sweet clover attaining a height of 7 feet. An excellent cover crop when planted in February or March. 1 lb. 45c; 10 lbs. \$4.00. Postpaid.

WHITE SWEET CLOVER

Melilotus alba—Sow 20 lbs. per acre. Is harder than Alfalfa, and better for renovating the soil. *Melilotus Alba* is a biennial, resistant to cold, heat and drought. 1 lb. 35c; 10 lbs. \$3.20. Postpaid.

MELILOTUS OFFICINALIS

Yellow Blossom Sweet Clover—Sow 20 lbs. per acre. Similar to *Melilotus Alba* but produces yellow blossoms. 1 lb. 35c; 10 lbs. \$3.20. Postpaid.

CALENDAR FOR FORAGE AND FIELD CROPS

Variety	Seed per Acre	How to Plant	Yield of Forage	Yield of Grain lbs.
Alfalfa	20 lbs.....	Drill or broadcast	8 to 10 tons.....	600
Alfileria	5 lbs.....	Drill or broadcast	3 tons hay or pasture..	1,500 to 2000
Beans—Bush	25 to 40 lbs.	Drill in rows 2' apart .....	.....	1,500 to 2000
Lima	50 to 60 lbs.	Drill in rows 3' apart .....	.....	2,000
Windsor	75 to 100 lbs.	Drill in rows 2' apart	Cover crop	15-20 tons green fodder
Cane or Sorghum...	5 to 40 lbs.	Drill 5 or broadcast 40 .....	.....	.....
Clover—Burr	20 lbs.....	Drill or broadcast	Pasture or cover crop..	.....
Hubam	8 lbs.....	Drill or broadcast	Pasture or cover crop..	.....
Corn—Indian	10 lbs.....	Drill 2' apart in rows 3' apart .....	.....	3,000 to 4,000
Ensilage	15 lbs.....	Drill 1' apart in rows 30" apart	20 to 40 tons ensilage..	.....
Broom	5 lbs.....	Drill in rows 3' apart	1/2 ton broom straw...	1,500
Egyptian	7 lbs.....	Drill in rows 3' apart	2 tons dry	2,500 to 4,000
Pop	6 lbs.....	Drill 1' apart in rows 30" apart .....	.....	1,500 to 2,000
Cow Peas	40 lbs.....	Drill 1' apart in rows 3' apart	Pasture or cover crop..	1,500
Feterita	4 lbs.....	Drill in rows 3' apart	2 tons dry.....	2,500 to 4,000
Grain—Barley	80 lbs.....	Drill or broadcast	2 to 4 tons hay..	2,000 to 3,000
Flax	30 lbs.....	Drill	Fiber	2,500
Oats	80 lbs.....	Drill or broadcast	3 tons hay.....	2,000
Rye	60 lbs.....	Drill	Pasture or cover crop..	2,000
Wheat	60 lbs.....	Drill or broadcast	2 tons	2,000
Grasses—Bermuda	5 lbs.....	Broadcast	Pasture .....	.....
Brome	20 lbs.....	Broadcast	Pasture mixture .....	.....
Fescue	25 lbs.....	Broadcast	Pasture mixture .....	.....
Italian Rye	30 lbs.....	Broadcast	Hay pasture (damp land)	.....
Kentucky Blue	25 lbs.....	Broadcast	Pasture mixture .....	.....
Orchard	25 lbs.....	Broadcast	Pasture mixture .....	.....
Paspalum	10 lbs.....	Broadcast	Cut 1 1/2 tons per acre..	.....
Perennial Rye	30 lbs.....	Broadcast	4 times (damp land)..	.....
Red Top	14 lbs.....	Broadcast	Hay and pasture..	.....
Rhodes	12 lbs.....	Broadcast	Pasture mixture .....	.....
Melilotus	20 lbs.....	Drill or broadcast	Cut 2 tons per acre	.....
Sudan	5 to 25 lbs..	Drill 5 or broadcast 25 ..	12 tons hay or pasture..	.....
Sorghum	8 lbs.....	Drill in rows 30" apart..	15 tons green .....	.....
Sunflower	5 lbs.....	Drill in rows 3' apart .....	.....	2,000
Vetch	60 lbs.....	Drill in rows 1' apart or broadcast	Pasture or cover crop..	.....

CLOVERS and FORAGE CROPS—Continued

LADINO CLOVER

Trifolium repens latum. Sow 8 lbs. per acre. It yields far more and withstands frost much better than Alfalfa. It can be cut continuously throughout the entire year and makes good pasture. Needs plenty of moisture. 1 lb. \$1.35; 10 lbs. \$13.00. Postpaid.

MAMMOTH RED CLOVER

Trifolium pratense perenne—Sow 20 lbs. per acre. Not quite so hardy as the Common, but has larger blooms and is excellent stock feed. 1 lb. 75c; 10 lbs. \$7.00. Postpaid.

RED CLOVER (Common)

Trifolium pratense perenne—Sow 20 lbs. per acre. Very palatable and nutritious. Grows about 20 inches high with plenty of foliage. 1 lb. 75c; 10 lbs. \$7.00. Postpaid.

STRAWBERRY CLOVER

Trifolium fragiferum—Sow 5 lbs. per acre. It can be heavily grazed and is relished by all types of livestock. Will grow in alkaline soil as long as there is plenty of moisture. 1 lb. \$2.50; 10 lbs. \$24.50. Postpaid.

KOREAN LESPEDEZA

Lespedeza stipulacea—Sow 15 lbs. per acre. A hardy, strong growing annual summer legume. 1 lb. 50c; 10 lbs. \$4.50. Postpaid.

DWARF ESSEX RAPE

Pasture for Hogs, Sheep and Poultry
Sow 10 lbs. per acre. An extra quick growing green forage crop for use during the fall, winter and spring. 1 lb. 40c; 10 lbs. \$3.50. Postpaid.

SUBTERRANEAN CLOVER

Sow 10 lbs. per acre. A very palatable and nutritious annual. Spreading habit, good soil builder and reseeds freely. 1 lb. 95c; 10 lbs. \$9.00. Postpaid.

SUNFLOWER

Mammoth Russian—Sow 5 lbs. per acre. Planted for seed or silage. 1 lb. 45c; 10 lbs. \$4.00; Postpaid.

MILLET

German or Golden—Sow 25 lbs. per acre. Good pasture where moisture is scarce. Height 3 to 4 feet. 1 lb. 30c; 10 lbs. \$2.50. Postpaid.

Hog or Manitoba—Sow 25 lbs. per acre. Excellent where feed is needed in a hurry, as it can be pastured in six weeks. Height 3 to 4 feet. 1 lb. 30c; 10 lbs. \$2.50. Postpaid.

GRAINS

Also available. Write, asking for prices on barley, oats or rye.

Write for Quantity Prices

CROPS FOR SOIL RENOVATION

SUMMER CROPS

Sesbania (Wild Hemp)—Sow 40 lbs. per acre. A valuable cover crop for hot sections only, and seed should be sown in May or June. With five or six irrigations a dense, tall growth is obtained in two months. **1 lb. 35c; 10 lbs. \$3.00. Postpaid.**

Blackeye Bean—Sow 30-40 lbs. per acre. This bean is always profitable to the grower because it yields 1,500 to 2,500 pounds per acre without irrigation and on almost any kind of soil. **1 lb. 35c; 10 lbs. \$3.00. Postpaid.**

WINTER CROPS

Bur Clover—Sow 20 lbs. per acre. A native clover and one of the best nitro-gathering crops. **1 lb. 60c; 10 lbs. \$5.50.**

Canadian Field Pea—Sow 50-60 lbs. per acre. These may be planted as late as January and yet be plowed under in time for planting a summer crop. **1 lb. 30c; 10 lbs. \$2.50. Postpaid.**

Melilotus alba—See description on page 48.

Melilotus Indica—Sow 20 lbs. per acre. One of the best legumes for green manuring because it may be planted in the fall when all crops have been harvested. **1 lb. 30c; 10 lbs. \$2.50. Postpaid.**

Melilotus officinalis—See description on page 48.

Purple Vetch—Sow 60 lbs. per acre. Used extensively for planting in citrus groves during the rainy season because of its rapid growth. **1 lb. 30c; 10 lbs. \$2.50. Postpaid.**

Common Vetch—Sow 60 lbs. per acre. This variety also makes an excellent cover crop for fall sowing and is commonly sown with a grain crop. **1 lb. 30c; 10 lbs. \$2.50. Postpaid.**

Broad Windsor Bean (Horse Bean or Faba Bean)—Sow 60-80 lbs. per acre. Grows upright on a single stem bearing a profusion of large, well-filled pods. **1 lb. 50c; 10 lbs. \$4.50. Postpaid.**

White Mustard (Brassica alba)—Sow 10-15 lbs. per acre. Plow under when blossoms begin to fall. **1 lb. 40c; 10 lbs. \$3.50. Postpaid.**

Black Mustard (B. nigra)—Sow 6 lbs. per acre. Although not so rapid in growth as the white mustard it makes a heavier tonnage. **1 lb. 40c; 10 lbs. \$3.50. Postpaid.**

Wild California Mustard (B. arvensis, Charlock)—Sow 8-10 lbs. per acre. **1 lb. 30c; 10 lbs. \$2.50. Postpaid.**

VEGETABLE CALENDAR FOR FIELD PLANTING

Variety	Seed per Acre	Row Apart	Apart in Row	When to Plant	Time to Mature	Approx. Yield Acre
Artichoke	6 ozs.	4 ft.	2 ft.	Oct. to Jan.	18 to 20 wks.	.....
Asparagus, roots.	3,700	6 ft.	2 ft.	Dec. to Feb.	1 year	.....
Asparagus, seed.	4 lbs.	2 ft.	Drill	Feb. to Mar.	2 years	.....
Beans, Bush	40 lbs.	2½ ft.	Drill to 4"	Mar. to Aug. 1	8 to 12 wks.	3 tons
Beans, Pole	30 lbs.	3 ft.	6 in.	April to July 1	10 to 12 wks.	4 tons
Lima, Bush	50 to 60 lbs.	32 in.	Drill to 6"	April to Aug. 1	10 to 12 wks.	4 tons
Lima, Pole	40 to 50 lbs.	3 ft.	8 in.	April to Aug. 1	12 to 14 wks.	4 tons
Beets, table	8 to 15 lbs.	Double row	Drill	All year	10 to 12 wks.	12 tons
Beets, stock	8 lbs.	16 in.	Drill	Oct. to May 1	14 to 18 wks.	50 tons
Carrots, table	3 lbs.	Double row	Drill	All year	10 to 12 wks.	12 tons
Carrots, stock	3 lbs.	16 in.	Drill	Oct. to May 1	12 to 18 wks.	18 tons
Cabbage, plants	12,000	30 in.	12 to 18 in.	All year	14 to 16 wks.	12 tons
*Cabbage, seed	4 ozs.	8" seed bed	Drill	All year	20 to 26 wks.	12 tons
Cauliflower,						
plants	7,000	3 ft.	2 ft.	May to Oct. 1	14 to 16 wks.	.....
*Cauliflower, seed	4 ozs.	8" seed bed	Drill	May to Oct. 1	20 to 24 wks.	375 doz.
Celery, plants	35,000	30 in.	6 in.	Jan. to Sept. 1	16 to 18 wks.	.....
Celery, seed	4 ozs.	8" seed bed	Drill	Jan. to Sept. 1	24 to 26 wks.	2,000 doz.
Corn, Sweet	10 lbs.	3 ft.	12 in.	Mar. to Aug. 1	10 to 13 wks.	400 boxes
Cucumbers	2 lbs.	4 ft.	3 ft.	Mar. to Sept. 1	10 to 12 wks.	600 boxes
Endive (Chicoree)	2 lbs.	Double row	Drill, thin 10"	Aug. to Feb. 1	14 to 18 wks.	2,000 doz.
Egg Plant, plants	7,000	3 ft.	2 ft.	April to July 1	10 to 12 wks.	.....
Egg Plant, seed	4 ozs.	Hot bed	8 in.	Dec. to Feb. 1	18 to 20 wks.	10 tons
Kale	4 to 5 lbs.	4 to 5 lbs.	Drill	Sept. to Mar. 1	8 to 10 wks.	.....
Kohl Rabi	4 to 5 lbs.	Double row	Drill	Sept. to Mar. 1	10 to 12 wks.	12 tons
Lettuce	2 lbs.	Double row	Drill, thin 10"	All year	12 to 15 wks.	230 crates
Muskmelon	2 lbs.	6 ft.	4 ft.	Feb. 15-June 15	14 to 18 wks.	400 crates
Watermelon	1½ to 2 lbs.	9 ft.	8 ft.	Feb. 15-June 15	16 to 20 wks.	15 tons
Casaba	2 to 3 lbs.	8 ft.	8 ft.	Feb. 15-June 15	16 to 20 wks.	12 tons
Okra	6 to 8 lbs.	3 ft.	18 in.	Mar. to Aug. 1	10 to 12 wks.	.....
Onion Seed	3 to 4 lbs.	Double row	Drill	Sept. to April 1	24 to 28 wks.	200 crates
Onion Seed,						
Bunching	10 lbs.	Double row	Drill	All year	.....	.....
Onion Sets	350 lbs.	Double row	4 in.	Sept. to Feb. 1	14 to 18 wks.	.....
Parsley	4 lbs.	Double row	Drill	Aug. to April 1	12 to 14 wks.	.....
Parsnip'	5 lbs.	2 ft.	Drill	Aug. to Mar. 1	14 to 18 wks.	400 sacks
Peas	75 to 100 lbs.	30 in.	Drill to 6"	Sept. to Mar. 1	14 to 20 wks.	4 tons
Pepper, plants	10,000	3 ft.	18" or drill	April to June 1	10 to 12 wks.	.....
Pepper Seed, field	1½ lbs.	3 ft.	Field, thin 18"	Feb. to May 1	18 to 20 wks.	10 tons
Pepper Seed, bed	6 ozs.	8 in.	Drill	Nov. to April	.....	.....
Potatoes, Irish	600-800 lbs.	3 ft.	1 ft.	Sept. 1 to Apr. 1	10 to 14 wks.	100 sacks
Potatoes, Sweet,						
plants	14,000	3 ft.	1 ft.	April to July	10 to 12 wks.	.....
Potatoes, Sweet	40 lbs.	Hot bed	...	Jan. to Mar. 1	18 to 20 wks.	150 sacks
Pumpkin	3 to 4 lbs.	8 ft.	10 ft.	April to July 1	12 to 14 wks.	20 tons
Radish	12 lbs.	Double row	Drill	All year	4 to 8 wks.	.....
Rhubarb, roots	2,420	6 ft.	3 ft.	Sept. to April 1	8 to 10 wks.	.....
Rhubarb, seed	½ lb.	Double row	Drill	Feb. 1 to July 1	16 to 20 wks.	.....
Roselle	3 lbs.	5 ft.	{ 3 ft., thin to 1 plant }	April to May	18 to 20 wks.	.....
Spinach	10 to 15 lbs.	Double row	Drill to 6"	All year	8 to 12 wks.	4 tons
Squash, Summer	4 to 6 lbs.	4 ft.	3 ft.	Feb. to Oct. 1	10 to 12 wks.	.....
Squash, Winter	2½ lbs.	10 ft.	6 ft.	April to Aug. 1	12 to 14 wks.	12 tons
Salsify	7 to 8 lbs.	Double row	Drill	Sept. to April 1	14 to 18 wks.	8 tons
Tomato Plants	1,200	6 ft.	6 ft.	Mar. to Aug. 1	12 to 14 wks.	10 tons
*Tomato, seed	2 ozs.	Hot bed Jan.	Field, drill 10"	Mar. to June 1	18 to 20 wks.	.....
Turnip	5 lbs.	Double row	Drill	All year	10 to 12 wks.	12 tons

*Planted direct to field: Cabbage 1½-2 lbs.; Cauliflower ¾ lbs.; Tomato ½-¾ lb.

Purple Vetch—Sow 60 lbs. per acre. Used extensively for planting in citrus groves during the rainy season because of its rapid growth. **1 lb. 30c; 10 lbs. \$2.50. Postpaid.**

Common Vetch—Sow 60 lbs. per acre. This variety also makes an excellent cover crop for fall sowing and is commonly sown with a grain crop. **1 lb. 30c; 10 lbs. \$2.50. Postpaid.**

Broad Windsor Bean (Horse Bean or Faba Bean)—Sow 60-80 lbs. per acre. Grows upright on a single stem bearing a profusion of large, well-filled pods. **1 lb. 50c; 10 lbs. \$4.50. Postpaid.**

White Mustard (Brassica alba)—Sow 10-15 lbs. per acre. Plow under when blossoms begin to fall. **1 lb. 40c; 10 lbs. \$3.50. Postpaid.**

Black Mustard (B. nigra)—Sow 6 lbs. per acre. Although not so rapid in growth as the white mustard it makes a heavier tonnage. **1 lb. 40c; 10 lbs. \$3.50. Postpaid.**

Wild California Mustard (B. arvensis, Charlock)—Sow 8-10 lbs. per acre. **1 lb. 30c; 10 lbs. \$2.50. Postpaid.**

CULTURAL DIRECTIONS for Sowing

AGGELER & MUSSER SEEDS

IN OPEN GROUND

Irrigate thoroughly, and after a few days spade, pulverize and rake level.

Open a shallow furrow, sow the seeds, cover immediately and firm the soil to the seeds with the back of the rake. Level the surface by raking, leaving a loose mulch on top. Avoid sprinkling. The thorough irrigation before spading should provide moisture to germinate the seeds without additional water being applied. After the plants are up, they may be sprinkled or irrigated.

When the plants are sufficiently developed, thin to a distance between the plants that will give room for those remaining to develop well.

SOWING SEEDS IN FLATS

It is usually better to start small seeds in shallow boxes or flats. Be sure to see that the bottom of the flat provides good drainage. Fill the flat to the top with a mixture composed of equal parts of peat moss, sand, and good garden loam, thoroughly moistened. Firm the soil in the flat, leaving a smooth surface. Broadcast the seeds on the surface, pressing them lightly into the soil, and cover them with sand only. They should be covered to a depth of about 2½ to 3 times the breadth of the seed itself. Instead of sprinkling flat may be placed in a shallow pan of water and moisture allowed to soak from the bottom to the surface.

The flat should be placed in the sunlight after all the seeds have germinated. When the plants have acquired a second or third set of leaves, or when they have grown sufficiently large for transplanting, they may be removed to the open ground.

FEED YOUR PLANTS

Plants, like animals, must have good food in order to thrive. Give them a complete plant food containing the three most necessary elements usually found in insufficient quantities in the soil—nitrogen, phosphorus and potash.

A plant food such as this should be used lightly (3 to 5 pounds per 100 square feet) several times during the season rather than heavily once a year. It will give equally good results on vegetables, flowers, shrubs, trees and lawns.

INSECTICIDES & GARDEN SUPPLIES

SEED DISINFECTANTS

SEMESAN—Is used as a treatment for vegetable and flower seeds to guard against damping-off. On bulbs it is used to control scab and other diseases which retard the growth of the plant. Complete directions for the use of Semesan are enclosed in every package. 1/3 oz. pkg. 20c; 2 oz. 60c; 12 oz. \$2.85; 4 lbs. \$13.40. Postage extra.

SEMESAN, JR.—For dry disinfection of seed corn only. 1 1/2 oz. 17c; 6 1/4 lbs. \$4.16; 25 lbs. \$13.85. Postage extra.

SEMESAN BEL—Applied to whole or cut seed potatoes in liquid form. Semesan Bel will prevent or control the common seed-borne potato diseases. 2 oz. 50c; 1 lb. \$2.30; 4 lbs. \$7.50. Postage extra.

NEW IMPROVED CERESAN—Is unusually effective in controlling smut in grains. 4 oz. 50c. Postage extra. Free descriptive booklet sent upon request.

ARASAN—Prevents loss from rotting by protecting seed against rot organisms. The seed is able to germinate normally and to produce healthy, vigorous sprouts and plants. This means fewer gaps in the rows and consequently, higher yields. 3/4 oz. 25c; 8 oz. \$1.00; 4 lbs. \$6.00. Postage extra.

ACME DUSTING SULPHUR—Keep your roses free from mildew, black spot, and other fungus diseases. Also use on Sweet Peas, Delphinium, Carnations, etc. Put up in convenient sifter-top cans ready for use. 2 lbs. 55c. Postage extra.

TERSAN 75—A new turf fungicide for Brown Patch control of golf greens and lawns. 5 1/3 oz. \$1.00; 3 lbs. \$6.75. Postage extra.



A nitrogen-fixing bacteria for inoculating legumes. Increases the crop, improves its quality, enriches the soil and saves fertilizer bills. It comes in humus form in moisture-proof packages. Only a few minutes are required to treat seed. Full directions with each package.

NOD-O-GEN—Specify size of carton and seed to be inoculated.

Alfalfa and Clovers—For 1 bu. 50c; for 100 lbs. 70c.

Vetch and Peas—For 1 bu. 35c; for 100 lbs. 55c.

Soy Beans—For 2 bu. 30c.

Cow Peas—For 2 bu. 30c; for 5 bu. 55c.

Beans—For 1 bu. 35c.

Garden Packet—For 8 lbs. 15c.

SPERGON—Protects seed from fungi, decay and damping off. Better germination, healthier plants, better yields, can not harm seed no matter how long it is applied before planting. Not injurious to humans or animals. 1 oz. 25c; 5 oz. \$1.00; 1 lb. \$2.25. Postage extra.

INSECTICIDES

ACME SPRAYING GUIDE

What and When to Spray

Write for this fine Guide FREE!

CYANOGENS

CYANOGENS, Granular—Wireworms can be controlled by drawing them to rows by a bait crop of cull beans and then applying Cyanogas one week later 1 inch below the bait. For further information ask for bulletin on Wireworm Control. Lb. pkg. \$1.00; 5 lb. pkg. \$3.85. Postage extra.

CYANOGENS A-DUST—For the control of ants, gophers, moles and similar pests. For further information ask for bulletin. 1/4 lb. 40c; 1 lb. pkg. \$1.00; 5 lb. pkg. \$3.85.

BLACK LEAF 40—A 40% nicotine solution for the control of plant lice or aphids on roses and other garden plants. Must be applied in vapor form with a spray pump. 1 oz. 36c; 5 oz. \$1.05. Postage extra.

OPTOX—A pyrethrum rotenone spray for the control of soft bodied insects; very popular with commercial growers and we know of nothing better. Will not discolor flowers. Controls Red Spider and other more difficult to control pests. 1 oz. 35c; 6 oz. \$1.50; pt. \$3.25; qt. \$5.50; gal. \$16.00. Postage extra.

ACME PESTICIDES for Garden and Home Surroundings



ACME 6% CHLORDANE DUST

Kills ants and other soil infesting pests. Application easy, just sift on lawns or in gardens. Controls ants, chinch bugs, chiggers, Japanese beetle grubs, and sod webworm in lawns; cutworms, earwigs, mole crickets, sowbugs, millipedes in gardens; and worked into gardening soil, kills wireworms, white grubs, and root maggots. 1 lb. sifter package 60c ea. 4 lb. bag \$1.50 ea.



ACME GARDEN GUARD

America's favorite rotenone dust for vegetable and flower gardens. Safe to use on edible portions of plants right up to picking time. Kills most common garden insects of both sucking and leaf chewing types. No mixing, no muss—shake from sifter package hitting insects to be controlled. 1 lb. sifter 50c ea. 4 lb. bag \$1.00 ea.

ACME TOMATO DUST

Many common spraying and dusting materials are irritating to tomato plants, causing rapid respiration so that they lose moisture more quickly than the plant can replace. Acme Tomato Dust is especially formulated for tomatoes, controlling blights and worms, permitting best harvest. 1 lb. sifter 60c ea. 4 lb. bag \$1.50 ea.

ACME WEED KILLER

A universal weed killer toxic to all forms of plant growth including trees. Gets rid of unsightly weeds in driveways, parking areas, flagstone terraces, clay courts where no vegetation whatever is desired—can render soil sterile for two years and more. Pint 60c ea. Quart 80c ea. Gallon \$2.10 ea.

ACME LIME SULFUR (DRY)

Containing 65% Calcium Polysulfides, it is a very valuable spray against many insects as well as some important fungous infections. It is a favorite spray in control of scale, mites, peach leaf curl, mildew on fruit trees, berry bushes, and as clean up spray on roses. 1 lb. 60c ea. 5 lb. \$2.50 ea.

ACME ARSENATE OF LEAD

Thoroughly reliable in killing eating insects which destroy foliage and attack fruits. Safe to use on tender foliage. When worked into lawns and other turf, grubs, worms, etc. are killed and the turf "proofed" against insects for some years. Treatment discourages germination of crabgrass seeds. 1 lb. ctn. 72c ea. 4 lb. \$1.70 ea.

ACME STOP

A sticky compound to band adult thick barked trees to prevent insects such as wingless female canker worm moth from crawling up the tree to lay eggs. Large trees are difficult for the average home owner to spray so "Stop" furnishes a simple, effective remedy. 6 oz. 60c ea. 1 lb. \$1.05 ea. 7 1/2 lb. \$6.25 ea.

ACME DUSTING SULPHUR

Mildews and many other fungous diseases as well as certain mite insects just can't stand sulphur. Light dustings (or sprayings) furnish a protective coating on roses and many other foliage plants against mildew and spot. Effective against red spider and certain mites on evergreens, legumes, deciduous and citrus fruits. 2 lb. sifter 59c ea.

ACME BORDEAUX MIXTURE

This mixture is the standard copper fungicide that has given fine satisfaction for over a hundred years. Controls many diseases on fruit trees (including peach leaf curl), vegetables, flowers and shrubs. As Bordeaux is a preventive, spraying should start early before fungous spores gain foothold. 1 lb. 60c ea. 4 lb. \$1.35 ea.

5% LINDANE SPRAY—Extra satisfaction in killing insects with this new super killing insecticide for fast control of aphids, thrips, plant bugs, caterpillars and most all common beetles and bugs infesting azaleas, roses, other flowers, shrubs, vines, fruits and vegetables. Kills three ways by contact, with vapors and as an internal poison. **4 oz. \$1.00; pint \$2.95.**

SPEGON—Protects seed from fungi, decay and damping off. Better germination, healthier plants, better yields. Can not harm seed, no matter how long it is applied before planting. Not injurious to humans or animals. **1 oz. 25c; 5 oz. \$1.00; 1 lb. \$2.25. Postage extra.** Write for quantity prices.

PYHAGON (Weitable)—Can be used as a spray or dust for the control of apple scab, black spot on roses and azaleas, petal blight, also blights on tomatoes and potatoes, anthracnose of beans. Not compatible with oils. **1 lb. \$2.70. Postage extra.**

BUHACH INSECT AND ANT POWDER—Contains 6% Oil of Pyrethrum in dust form for the control of ants, flies, roaches, chicken lice, aphids, moths, mosquitoes, gnats and other insects on plants. Also for fleas on dogs and other pets and to rid birds of lice. **1½ oz. 30c; 3¾ oz. 60c; 6 oz. 90c. Postpaid.**

Use Our "EASY TO SUBSCRIBE" MAGAZINE SERVICE—As a special service to our customers, we have enclosed an order blank in this catalog which makes it easy for you to order **Farm Journal** and **Farmer's Wife**, **Flower Grower**, **Pathfinder** and **American Poultry Journal** at lowest prices. This coupon will save you time, trouble and expense and assure you of safe, prompt service.

PRUNETEX—A scientific pruning compound not affected by weather. Contains no water, will not freeze or crack and provides a very effective, elastic seal. **Pt. 60c; qt. 90c; gal. \$2.25. Postage extra.**

PLANT HORMONES

HORMODIN POWDER No. 1—The general purpose powder for most home garden plants. Trial size **25c; 1¼ oz. 50c; 1 lb. \$3.00. Postpaid.**

HORMODIN POWDER No. 2—For propagating many hard to root, woody and semi-woody types. **1¾ oz. 75c; 1 lb. \$4.50. Postpaid.**

HORMODIN POWDER No. 3—For propagating many of the evergreens and dormant leafless cuttings. **1 oz. \$1.00; ½ lb. \$4.50. Postpaid.**

HORMODIN COMBINATION PACKAGE—Contains one package each of the following: **½ oz. No. 1 powder; ¼ oz. No. 2 powder; ¼ oz. No. 3 powder. 75c complete. Postpaid.**

FERTILIZER, PLANT FOOD

VIGORO—Obtainable in various size packages from your dealer.

ANTROL 3-IN-1 LIQUID PLANT FOOD—Contains important plant foods. Immediately available to roots of plants. Use three quarts to 1000 sq. ft. Easily applied with or without applicator. **Pt. 50c; qt. 85c; gal. \$1.95. Applicator \$3.05. Postage extra.**

PLEASE NOTE

WE CAN NOT MAIL POISON TO FOREIGN COUNTRIES

RODENT CONTROLS

EL REY GOPHER POISON—A mixture of grains and fruits made particularly attractive to gophers, and saturated with poison. **6 oz. 30c; 1 lb. 60c; 5 lbs. \$2.00. Postage extra.**

EL REY SQUIRREL MIXTURE—Poisoned wheat scented and made specially attractive to squirrels. **1 lb. 60c; 5 lbs. \$2.00. Postage extra.**

EL REY RAT POISON—A scientific mixture of poisoned grains scented to attract rats. **6 oz. 30c; 5 lbs. \$2.00. Postage extra.**

EL REY MOUSE BAIT—Very attractive to mice. Convenient home package with handy bait dish. **25c package. Postpaid.**

MACABEE GOPHER TRAP—Easy to set, small and can be extended far down into the hole. **55c. Postpaid.**

RAT SCENT—A proven exterminator. Poisoned grains, lureingly scented. **Small pkg. 35c; Medium pkg. 50c; 5 lb. pkg. \$2.00. Postage extra.**

ANT CONTROLS

ANT BARRIER—Kills ants the easy way. Spray it on or wipe it on. One application will last for months. Leaves no sticky residue. Non-poisonous. Also controls silver fish, roaches and other household pests. **8 oz. 55c; 16 oz. 89c. Postage extra.**

ANT JET STAKES—Small redwood stakes containing a poison attractive to sweet-eating ants. Easy to use, just stick in ground 12 feet apart around the outside of house or wherever ants are in the garden. **\$1.25 per doz. Postage extra.**

keep your garden "pest-free" with DURHAM PESTICIDES



DURSUL SPRAY

(Contains lime sulphur with special wetting agent for dormant and growing season spray.)

Pints	\$.60 each
Quarts .....	.90 each

LINDANE GARDEN SPRAY

(Contains LINDANE for quick control of aphids and thrips on vegetables, flowers, shrubs and trees.)

4 ounces	\$1.00 each
8 ounces	1.75 each
Pints	2.95 each

KLOR SPRAY

(Contains 25% chlordane spray for ants, flies, sod-webworms and plant insects.)

4 ounces	\$.60 each
8 ounces	1.00 each
Pints	1.75 each

KLOR KILL-R DUST

(Contains 5% chlordane dust, for ant, black widow spiders and household insecticide.)

1 pound	\$.50 each
5 pounds	1.50 each

TETRATE SPRAY 50

Contains Tetraethyl Pyrophosphate (TEPP) for control of aphids, red spider mites and grape leafhopper nymphs on vegetables, berries, trees and ornamentals. Fast acting.

4 ounces	\$1.00 each
8 ounces	1.75 each
Pints	2.50 each

GARDEN SULPHUR

(Contains 95% wettable sulphur to make effective mildew and spider control.)

1½ pounds	\$.50 each
-----------------	-------------

TOMATO PEST KILL-R DUST

(Contains 5% Cuprous Oxide, 5% DDT, 50% Sulphur to control all common tomato pests.)

1 pound	\$.60 each
---------------	-------------

COPPER MILDEW SPRAY

(A liquid copper spray with wetting agents to control powdery mildew, rust and other fungus on roses, garden plants and shrubs.)

Pints	\$.75 each
Quarts	1.00 each

DDT SPRAY 50-W

(50% Wettable DDT Powder to make effective DDT residual spray.)

12 ounces	\$.75 each
-----------------	-------------

DEVIL GRASS KILLER

(Contains 90% Sodium TCA. For spot weed eradication of devil grass and crab grass.)

1 pound	\$1.35 each
---------------	-------------

GARDEN CRILITE

(Contains 50% wettable cryolite powder to make spray for garden chewing pests.)

1 pound	\$.60 each
---------------	-------------

DURHAM Vita-lizer

The perfect food for feeding lawns, gardens, and indoor plants. Water soluble, 1 lb. makes 100 gallons. Odorless, inexpensive, easy to use, fast acting.

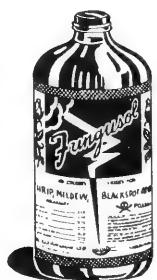
1 pound	\$.75 each
---------------	-------------





Destruxol Products

Here in California we are blessed with the biggest and the bestest of everything, and unhappily our problems in plant diseases and insect pests are giant size, too. We need special combinations of chemicals to deal with our special problems, and for that reason we have more faith in insecticides and fungicides created and manufactured right here at home. We recommend these DESTRUXOL products, Pasadena-made for California conditions.



Combination Insecticides and Fungicides

FUNGUSOL: A two-purpose spray. Fungicide and insecticide combined. Universally used on Roses and other flowering plants susceptible to Rust and Mildew. Safe for vegetables. Price: 4 oz. 55c; 1/2 pt. 90c; pt. \$1.40; qt. \$2.35; gal. \$5.50.

LAWN-A-GEN: A soil disinfectant combining ether and metallic copper soluble in water. Can be used for Lawn Moth (Sod Web Worm), Wire Worms, Nematodes and other destructive soil pests as well as certain fungus diseases in the soil. Can be used where plants are growing, without injury if directions are followed. Price: 4 oz. 65c; 8 oz. \$1.15; pt. \$1.85; qt. \$3.00; gal. \$8.50.

Destruxol Pyretoxide-Blightrol DUSTS NO. 15 A or B: No. 15-A is an all-purpose dust for flowers and vegetables. No. 15-B contains same ingredients as No. 15-A minus sulphur and therefore recommended for Cucumber, Squash, Melons and other tender Vine Crops. Price: 1 lb. 65c; 2 lb. \$1.10; 5 lb. \$2.20.

Fungicides

CALCSUL: A perfectly blended emulsion, combining lime and sulphur (polysulphide) with vegetable, mineral and organic oils. The perfect clean-up spray for early spring. Also year round spray for citrus and deciduous fruit trees, berry bushes and shrubbery. Price: Pt. 60c; qt. \$1.00; 1 gal. \$2.50; 5 gal. \$8.50.

KOPPERSOL: A fungicide combining Copper, Ether and Oil. Excellent for fine shrubs and flowers as well as vegetables. Leaves no unsightly residue. Price: 8 oz. 70c; pt. \$1.25; qt. \$1.95; gal. \$4.25.

BLIGHTROL A: A Copper-Zinc-Chromium combination. Extremely powerful fungicide. Safe since it will not go into the blood stream of the plant or do any injury. Price: 2 oz. 60c; 8 oz. \$1.80.

Destruxol Specialties

LEAFSHINE: For polishing foliage of ornamental plants. Price: 4 oz. 25c; 8 oz. 40c.

BIRDS-OFF: To keep the birds off ripening fruits and berries and young seed beds. Price: 1 lb. 35c; 2 lb. 65c; 5 lb. \$1.35; 10 lb. \$2.50.

HOUSEHOLD SPRAY: Non-poisonous spray for Flies, Mosquitos, Spiders, Moths, etc. Price: Pt. 50c; qt. 90c.

IRONTONE & SULFOTONE: For reconstruction of the Soil. Price: 1 lb. 30c; 4 lb. 90c.



POSTAGE EXTRA ON ALL PRODUCTS LISTED ABOVE

BLAST THE BUGS!

Protect Garden Beauty, Conserve Food with
HUDSON SPRAYERS, DUSTERS

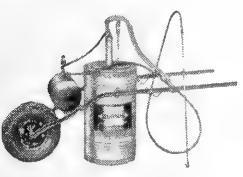
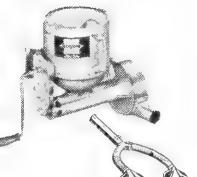
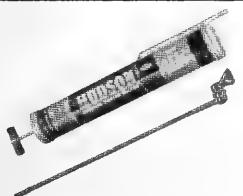
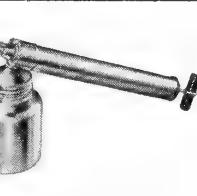


HUDSON "SIMPLEX"® PERFECTION®. The Higher the Pressure, the Tighter the Seal. Simplest, safest, most dependable compression sprayer ever made. Cover seals from inside of tank... pressure provides positive leak-proof seal. Holds 4 gallons. All-welded tank. 42" spray-proof hose. 5-spray nozzle adjusts to give fine to coarse spray and 20 ft. long-distance spray. Extra nozzle cap for flat fan spray. Roto-Valve permits spraying in any direction without twisting hose. Comfortable 1½" wide adjustable carrying strap.

HUDSON CLIMAX®. Same advanced design with 3-gallon tank, single nozzle with 4 different spray discs.

TRADE MARK



 <p>HUDSON FAVORITE* Compression Sprayer A beautiful, useful gift. Finest, lightest 1½ gal. home sprayer. New Saf-T-Lok* for easy sealing, safer opening. 5-spray nozzle — extra fine to long-distance. 5-ft. plastic hose.</p>	 <p>HUDSON LEADER* Compression Sprayer Premium quality materials and workmanship at attractive price. Safest screw top ever built into a compression sprayer. 3½-gal. tank.</p>	 <p>BUGWISER* and BOOSTER Compression Sprayers Economical, efficient with seam-welded tank. Saf-T-Lok with easy funnel filling. Bugwiser: 2½ gal., with 10" brass pump. Booster: 3-gal., 10" brass pump. 3 spray discs.</p>
 <p>HUDSON IDEAL* Porta-Sprayer Gives 250 lbs. pressure; takes 2 leads of hose, 15 gal. tank, 10 ft. hose. Also Hudson Sunshine—200 lbs. pressure. Order with or without pressure tank; or with steel, cushion or pneumatic-tired wheel.</p>	 <p>HUDSON MATADOR* Power Sprayer Pumps up to 4 gals. per min. at pressures up to 250 lbs. 20 ft. spray-proof hose with full size power sprayer gun. 15-gal. tank with 1 h.p. engine. 30-gal. with 1½ h.p. engine. Wide cushion tires.</p>	 <p>HUDSON ROTO-POWER® 806B Duster Delivers greater volume of air at greater speed than any other. Light weight aluminum. For any powder pesticide. Dust one or two rows, any direction. No. 801 is similar, in steel. Less capacity.</p>
 <p>HUDSON ADMIRAL* Duster A beautiful gift with countless uses. Applies 1 qt. of any powder pesticide or weed killer. Nozzle dusts in any direction, high or low.</p>	 <p>HUDSON NO. 428 CRITIC® With 2-Spray®. With nozzle pin right, gives fine mist; left, gives wet surface spray. Glass jar. Brass cap and nozzle pump end. MERCURY NO. 433. Also with 2-Spray, tin plate container.</p>	 <p>HUDSON ECLIPSE* Every metal part all stainless steel. A beautiful lifetime sprayer for use indoors and out. 2-spray nozzle for fine mist or wet surface spray. A beautiful and durable gift.</p>

WOULDN'T ANY OF THESE MAKE BEAUTIFUL, USEFUL GIFTS FOR THE GARDEN LOVER?

MISCELLANEOUS SUPPLIES

HOTKAPS — Protect plants from destructive frost, storms, insects. 25 Hotkaps with Setter 95c; 100 Hotkaps with Fibreboard Setter \$3.15; 250 Hotkaps with Fibreboard Setter \$5.90. Postage extra.

Market Growers—**HOTKAP** protection is cheap. 1,000 for \$17.25. Postage extra. Write for quantity price. Fibreboard Setter 20c, postpaid; Steel Setter \$1.95, postage extra. Weights: 1,000 package Hotkaps, 28 lbs.; 250 package, 9 lbs.; 100 package, 5 lbs.; 25 package, 2 lbs.

EXPAN PLANTING POT — Made of No. 7 waterproof tar paper. Open top and bottom. Substitute for small pots when transplanting small seedlings. When setting the plants in the field or garden plant the pot and all.

Size	Price per 1,000	Price per 100	Weight per 1,000
1½x3	\$3.95	45c	11 lbs.
1½x4	4.45	50c	14 lbs.
1¾x3	4.80	55c	14 lbs.
1¾x4	6.10	65c	19 lbs.
2½x3	5.60	65c	21 lbs.
2½x4	6.30	70c	28 lbs.

Not Prepaid

TREE LABELS—Painted—3½" copper wired: 100, 90c; 1,000 \$8.50. 3½" iron wired: 100, 85c; 1,000 \$8.00. Postpaid.

TREE LABELS—Plain—3½" copper wired: 100, 75c; 1,000, \$7.00. 3½" iron wired: 100, 65c; 1,000, \$6.00. Postpaid.

POT LABELS

Painted	Plain		
Per 100	Per 1,000	Per 100	Per 1,000
4 inch....\$.70	\$ 6.50	\$.60	\$ 5.50
5 inch.... .85	8.00	.65	6.00
6 inch.... .95	9.00	.70	6.50
8 inch.... 1.75	17.00	1.00	9.50
10 inch.... 2.00	19.50	1.70	16.50
12 inch.... 2.50	24.00	1.90	18.50

Postpaid

WEATHER-PROOF PENCILS—For writing labels on garden plants. Will not fade in sun or rain. 15c each; \$1.80 per doz. Postpaid.

TRANSPLANTER—Does the work without disturbing the roots. Makes the hole for planting, picks up the plant root and all, and sets it into planting hole. \$1.00. By mail \$1.15.

GARDEN TWINE—A light white cotton twine. For use in and out of the garden. 1/6 lb. ball 25c. By mail 30c.

TREE SEAL—An ideal grafting, inarching or pruning compound and is also useful for many household purposes. Pt. 30c; qt. 50c; gal. \$1.50; 5 gal. \$6.00. Postage extra.

GRAFTING WAX—Repellent to bees. 1/4-lb. can 25c; ½-lb. can 40c; 1-lb. can 60c; 5-lb. can \$1.95. Postage extra.

Prevent Dog Damage to Evergreens, Gardens, Shrubs, etc.

Amazing Liquid Chaperone keeps dogs, cats, other animals away from evergreens, flowers, gardens, even garbage pails and porches. Just spray on —you can't smell it, they detest it. Harmless. Economical.



FOR INDOORS

Powder Chaperone protects chairs, etc. Pkg. \$1
Kitty Chaperone keeps cats from clawing. Pkg. \$1

Liquid Chaperone

ROOTONE plus Fungicide

Now you can root cuttings with your old dependable Rootone, the famous plant hormone powder, and at the same time protect them against damping-off and other soil-borne diseases. A "must" for successfully starting cuttings.

Trial packet 25c 2-oz. jar \$1

TRANSPLANTONE

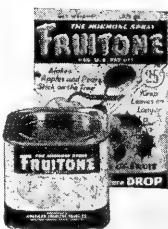


Use Transplantone, the hormone-vitamin combination, to prevent wilting when you set out seedlings or transplant grown plants. Save tomatoes, lettuce, cabbages, peppers, zinnias, pansies, azaleas, evergreens from transplanting shock.

Trial packet 25c 3-oz. canister \$1

FRUITONE

Spray Fruitone, the fruit setting compound, on tomato buds at blossoming time, and each one will set more big meaty tomatoes. Treat limas and string beans, too.



Trial packet 25c 2-oz. canister \$1

RED ARROW GARDEN SPRAY



Non-poisonous. Kills most chewing and sucking insects quickly, safely. 1 oz. makes several gallons of spray.

1 oz. .35¢; 4 oz. \$1.00; Pint. \$2.85

Ask for free booklet
"How to Fight Garden Insects"

A PRODUCT OF McCORMICK & CO.



ANTROL ANT SPRAY—A new and easy method of ridding your home, lawn and garden of ants for months. Effective against all kinds of ants, lawnmoths and roaches, Antrol Ant Spray contains quick kill ingredients plus 2½% of the new, powerful Chlordane which will keep ants and other pests away from treated areas indefinitely. Yet Antrol Ant Spray is a water emulsion spray and can be used with complete safety around plants, shrubs and flowers. Just spray as directed to give long lasting protection both indoors and out.

Pt.—.39 Qt.—.69 Gal.—2.39

ANTROL ANT SYRUP REFILLS—Kills both sweet and grease eating ants. Antrol Ant Syrup is carried back to the nest by the worker ants thus killing off entire ant colonies before your home and garden are invaded. For best results use Antrol Ant Syrup in the convenient Antrol glass feeders.

4 Oz.—.19 Pt.—.49
Qt.—.89 Gal.—2.69

ANTROL READY-FILLED SETS—The perfect container to use around pets. You kill ants with all the swift efficiency of Antrol's powerful formula—yet pets cannot harm themselves. These convenient sets contain four ready-filled glass feeders, filled with Antrol Ant Syrup, which lure ants—then kill.

Set of four filled feeders—.39

SNAROL METALDEHYDE-ARSENICAL BAIT—A specially prepared bait for the control of snails and slugs. One flake of this famous pest killer contains enough Metaldehyde to doom any snail or slug on contact. One pound of Snarol is sufficient to treat about 1200 sq. ft. of surface area. Also available in popular meal form.

1 Lb.—.35 2½ Lb.—.75 6 Lb.—1.65
10 Lb.—2.50 50 Lb.—10.75

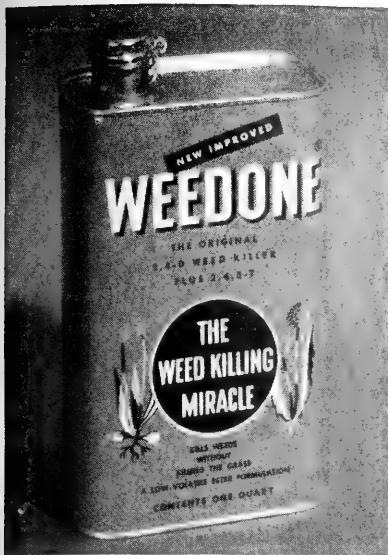
ANTROL SOWBUG CONTROL—This prepared meal kills sowbugs, cutworms and pillbugs. These pests are night feeders and inhabit damp, cool places such as flower and vegetable gardens, around fences, hedges and bushes. Just scatter Antrol Sowbug Control over the infested area. The convenient pouring spout facilitates scattering the material evenly.

8 Oz.—.35 2½ Lb.—1.25

BOYLE-MIDWAY, INC.

4820 East 50th Street, Los Angeles 58

CALIFORNIA



Improved **WEEDONE**

The Weed-Killing Miracle

Weedone contains powerful 2,4,5-T, as well as 2,4-D. It's the butoxy ethanol ester weed killer which does not give off vapors injurious to nearby flowers, vegetables and shrubs. Weedone kills dandelions, plaintains, Japanese clover, poison oak, wild blackberry and over 100 other weeds and woody plants. Here's one weed killer that never lets you down. Can be sprayed on growing and dormant plants.

8-oz. can \$1; 1-qt. can \$2.75;

1-gal. can \$6.95



WEEDONE PLASTIC APPLICATOR

Cap fits any screw-top gallon jug and makes handy $\frac{1}{2}$ -oz. measure. All plastic; no sharp edges to cut or scratch hands.

59c

WEEDONE CRAB GRASS KILLER

... Chickweed, too!

Weedone Crab Grass Killer contains potassium cyanate — sure death to crab grass and chickweed, but harmless to people and pets. Applied in liquid form for better coverage. Does not kill desirable grasses and breaks down into a fertilizer to improve the soil.

6 $\frac{1}{2}$ -oz. can \$1 26-oz. can \$3

6 $\frac{1}{2}$ -lb. can \$8.85



PLANTABBS make plants and flowers grow like magic! This rich PLANT FOOD in convenient TABLET form is ideal for potted plants, window boxes, all garden flowers, vegetables and shrubs. PLANTABBS are clean, odorless, easy to use. 30 tablets 25¢; 75 tablets 50¢; 200 tablets \$1.00; 1,000 tablets \$3.50.

FULTON'S

PLANTABBS PLANT FOOD TABLETS PLUS B

PLAS-TIES

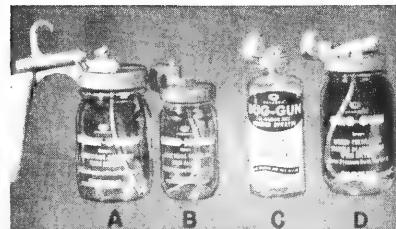
The sensational new plastic-covered PLANT TIE
WATERPROOF
FREEZEPROOF
FADEPROOF
STRONG
EASY TO USE
RE-USABLE TOO!



PLAS-TIES are perfect for tying plants, flowers and many other uses around the home. PLAS-TIES have wire cores for strength, and are covered with a layer of durable Vinyl plastic.

**PACKAGE CONTAINS 6 DOZEN,
7-INCH PLAS-TIES FOR 35¢**

Also available in 200 ft. spools for
\$1.35



Garden Hose

SPRAYERS for LAWN & GARDEN

So easy! Use like a nozzle on hose; water pressure does the work. Sprayers handle any material you mix with water to apply, liquid or powder, without clogging. Do a better job. Clean in 30 seconds. Guaranteed.

For

Insecticides, Fungicides, Weed Killers:

A. **INSECT-O-GUN** — Pint mason jar holds enough to make 3 gal. proper spray (for 6 gal., replace with quart jar). Water valve stays on when turned on, off when turned off. Pistol grip. Lifetime construction....\$5.95

B. **GARD-N-GUN** — 1 1/2 gal. capacity, ideal for small gardens. Automatic valve

\$2.95

C. **BUG-GUN** — 1 1/2 gallons capacity, hasn't automatic valve. Big value at only

\$1.95

To Spray Fertilizers, Plant Foods, Use:

D. **GRO-GUN** — 15 gal. capacity; for 30 gal. replace pint jar with quart jar from your kitchen. Sprays any fertilizer (or weed killer) you mix with water to apply.....\$2.95



**Corona No. 5
Grass Shear . . .
The Star of Them All!**

CORONA

Preferred for Professional or Home Use
Shears - Pruners - Loppers

CORONA means "Crown" . . . and each pruning shear made on the busy forges of Corona is a symbol of perfection and proudly takes its place in the diadem of sparkling fine tools in the Corona Crown.

Every one, a masterpiece of design and engineering — forged from special Corona steel to give its owner and user, whether the professional pruner or the home owner — the finest pruners that human minds and skilled hands can fashion.

Tools, too, that have replaceable parts, especially the cutting blades, for an enduring life of service and usefulness, when ordinary tools by comparison would have long before given out and been discarded. Corona tools are streamlined for lightness. Neoprene grips provide a velvet soft gripping surface.

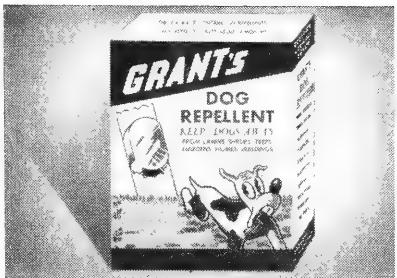
A real surprise awaits you when you learn . . . upon inspection . . . that such superb pruning shears, bearing the Corona trademark, are very popularly and judiciously priced.

Ask us for a two-color Corona catalog illustrating the complete Corona line.

**CORONA CLIPPER COMPANY
Corona, California**



1 oz. pkt. (packed 72 to case)	10¢
3 oz. can (packed 36 to case)	25¢
7 oz. can (packed 24 to case)	50¢
1 lb. can (packed 12 to case)	\$ 1.00
10 lb. drum, makes 1000 gals.	8.00
25 lb. drum, makes 2500 gals.	15.00
50 lb. drum, makes 5000 gals.	25.00
100 lb. drum, makes 10,000 gals.	40.00



STOP THAT DOG WITH GRANT'S
Keeps dogs from destroying lawns, gardens, shrubs — pungent fumes (not a liquid, not a powder) in safety sealed containers obnoxious to dogs—not affected by rain or sprinkling. Guaranteed effective 3 months. Package 6 repellents \$1.00.



6 months' written guarantee with every package of famous Grant's Ant Control. Easy to use—no bottles, no mess, 1 package of 12 stakes serves average 5-room home. Children and pets protected by all metal "safety-sealed" container. Package of 12 stakes \$1.25.
Manufactured by:

GRANT LABORATORIES, Oakland 8, Calif.

Sudbury Soil Test Kits



Better Results
Guaranteed
from
Everything
You Plant
Tells
What's Wrong
with
Your Soil!

Tests for Nitrogen, Phosphorus, Potash and Lime
POPULAR GARDEN KIT (pictured) makes 50 tests. Handsome case, lucite top.....\$5.89
Small **HOME GARDEN KIT**.....\$2.98

LARGER KITS, IN STEEL CHESTS
HORTICULTURAL KIT — Makes 150 tests, enough for years of use in your garden.....\$14.95

SUPER deLUXE KIT — For farmers, florists or garden. Makes hundreds of tests.....\$29.95

KILL THESE PESTS

CONTAINS
CYANIDE
POISON

WITH



CYANI-KIL BOMB

KILLS MOLES WITH POISONOUS GAS

The most powerful and deadly bomb of its kind. Shoots poisonous gases into burrows, runways, channels and holes. Kills moles, gophers, ground squirrels, prairie dogs, rats and field mice. Sold by Nursery, Feed & Seed & Hdw. Dealers. 2 for 25¢.

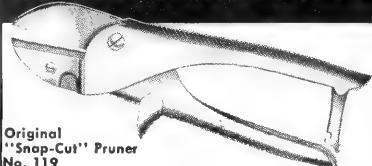
Mfg. by

LONG MFG. CO.

906 Marin Ave.

Hayward, Calif.

WORLD'S FINEST PRUNER



Original
"Snap-Cut" Pruner
No. 119

THE "SNAP-CUT" IS THE HOME GARDENER'S HANDIEST TOOL

Razor sharp blade acts on a soft, non-dulling metal anvil. Cuts tough, $\frac{3}{4}$ " branches with amazing ease. Though imitated throughout the world, the "Snap-Cut" Pruner has never been equaled. Your dealer will tell you "Snap-Cut" tops them all.



SEYMOUR SMITH

OUR 103rd YEAR

The Line of Quality



PLANTER MIX

Eight ingredients blended to grow African Violets, Philodendrons, all house plants. No drainage needed; avoids corrosion and sourness. Guaranteed analysis.

LEAF - LUSTRE

To polish and beautify the leaves without leaving an oily residue to clog the pores. The safe beauty treatment.

PLANTER FOOD

A one purpose plant food to feed indoor plants correctly! Safe, all organic, non-corrosive ingredients.

P. S. Try Planter Mix for your seedlings. You'll be delighted!

All Manufactured by

PARKS-BARNES, INC.
P. O. Box 245 • 530 Sixth Street
Hermosa Beach, California

A Clean, Effortless

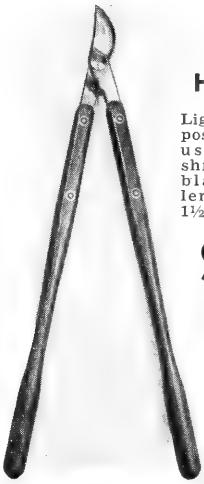
Cut
with

CARTWRIGHT

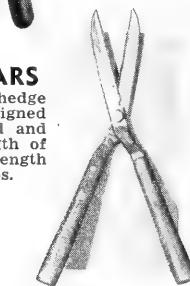
- Pruning Shears
- Hedge Shears

Keep trees, shrubs and hedges under control the easy way . . . with CARTWRIGHT shears famous for quality since 1885. Exclusive tension washer maintains uniform tension on cutting edge — gives a clean, effortless cut every time . . . prevents blade from becoming sprung. High grade drop-forged steel blades stay sharp longer. Select hickory handles securely riveted to long tangs insure strength and proper balance for lifetime dependability. Individually tested and guaranteed.

No. 48 Home Pruner



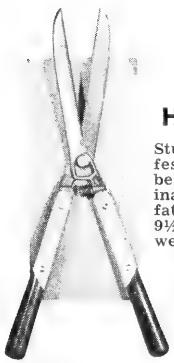
\$425



No. 117 HEDGE SHEARS

New lightweight hedge shears specially designed for all round yard and garden work. Length of blade $7\frac{1}{2}$ ", overall length $18\frac{1}{2}$ ", weight $1\frac{1}{4}$ lbs.

\$325



No. 108 HEDGE SHEARS

Sturdy tool built to professional standards. Rubber shock absorber eliminates hand and wrist fatigue. Length of blade $9\frac{1}{2}$ ", overall length 23 ", weight $2\frac{1}{4}$ lbs.

\$495

Products of
J. Cartwright & Son Malaga Calif.

Waterlilies and Aquatics

Cultural Directions—Place 2 inches of well-rotted cow fertilizer on the bottom of the pond with 2 or 3 inches of garden soil on top of this. Dampen slightly and tamp down hard, after which spread a half an inch of sand over the top to hold the dirt and fertilizer down. Plant the lilies about 2 feet apart. Usually five lilies will give splendid results in a 9 x 9 foot pool. They should be planted so that the crown is just above the surface of the dirt in the pool. Fill the pool very slowly with water up to the top. Put in fish, snails and small mosses, planting the moss on the bottom of the pool in the dirt.

Orders amounting to \$2.00 or more sent postpaid. Smaller orders, please add 25c per order for packing and postage. No plants sent C.O.D.

COLLECTION

Four lovely, hardy Waterlilies specially selected for perfection of flowers and long blooming season. Always an attraction to any garden pool. Easy to grow and refined enough in growth even for small pools. Illustrated at right.

Alba Candidissima—Pure white.
Marliac Chromatella—Yellow.

Masaniello—Rich pink.
Rene Gerard—Deep rose.

Catalog value \$7.50
Postpaid.....
\$5.50

LOTUS

(Available only January to April)

Egyptian Lotus (*Nelumbium Speciosum*)—The sacred flower of the Egyptians. Blossoms are rose color and possess a haunting fragrance. **Tubers \$2.00.**

American Lotus (*Nelumbium Lutea*)—The rich yellow flowers frequently attain a diameter of 8 to 10 inches. **Tubers \$2.00.**

TROPICAL WATERLILIES

August Koch—Flowers are 7-8 inches in diameter and are a lovely purplish lilac. **Each \$3.00.**

Daubeniana—The flowers are very light blue and delicately scented. The young plants spring from the surface of the old leaves. **Each \$1.25.**

Mrs. C. W. Ward—A charming variety with petals of rich rose-pink, illuminated by a mass of golden stamens. **Each \$1.75.**

Mrs. Ed Whitaker—Blooms are frequently over a foot in diameter. Color is rich orchid blue. An excellent cut flower. **Each \$5.00. (Small plants \$2.50.)**

Pennsylvania—Rich azure-blue flowers speckled with maroon. A magnificent lily of great merit. **Each \$5.00 (Small plants \$2.50.)**

Zanzibarensis Azurea—Beautiful water lily, the flowers being large and of a clear azure blue. **Each \$1.75.**

Zanzibarensis Purpurea—One of the best in this class. Rich, dark blue flowers are produced on long stems. **Each \$1.75.**

Zanzibarensis Rosea—Similar to Purpurea. Color a deep rosy pink. **Each \$1.75.**

Zanzibarensis Rubra—Splendid variety being flowers of very bright rosy-crimson. A free bloomer. **Each \$1.75.**

OXYGENATING PLANTS

Provide food and oxygen for the fish

Anacharis—15c bunch.

Coon Tail—15c bunch.

Sagittaria (Broadleaf)—15c ea., 2 for 25c.

Eel Grass—15c bunch.

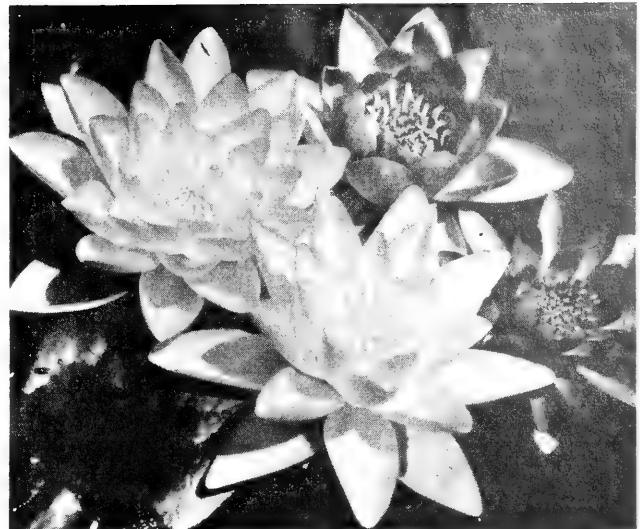
SNAILS

Necessary to clean the pool of green scum.

Japanese Trap Door—10c and 25c each.

African Paper Shell—5c each, \$5.00 per 100.

Black Ramshorn—5c each, \$5.00 per 100.



HARDY WATER LILIES

Alba Candidissima—Early and free bloomer with large pure white flower. **Each \$1.50.**

Aurora—Flowers rosy-yellow on first day, changing to deep red on third day, stamens orange. **Each 75c.**

Comanche—Wonderful combination of orange and amber red. Largest and finest of all apricot tinted varieties. Early bloomer. **Each \$3.00.**

Conqueror—Early bloomer producing large cup-shaped, fragrant flowers of violet rose shaded with white. **Each \$2.50.**

DE LUXE BEGINNER'S COLLECTION

This is a well-balanced collection especially selected for those starting a new pool.

1 Marliac Chromatella —Yellow.....	\$1.75
1 Rose Arey —Rose.....	1.75
1 Arrowhead Giant.....	.25
1 Iris Pseudacorus.....	.25
1 Water Hyacinth.....	.10
1 Bunch Coon Tail.....	.15
1 Bunch Anacharis.....	.15
2 Sagittaria .....	.25
10 Snails .....	.50

SPECIAL PRICE
(postpaid).....
\$3.15

\$5.15

Gloriosa—Superb variety. Flowers of perfect form; petals concave; deep carmine rose becoming dark red late in season. Continuous bloomer. **Each \$2.50.**

Helen Fowler—The flowers are deep pink, very fragrant, and are borne on stout stems, making it useful for cutting purposes. **Each \$1.00.**

Marliac Albida—Large and fragrant flowers of sparkling whiteness with yellow stamens and sepals flushed pink. Continuous bloomer. **Each \$1.25.**

Marliac Carnea—Color a soft flesh pink. Splendid companion to Marliac Chromatella. **Each 75c.**

Marliac Chromatella—Flowers bright canary yellow and leaves deep green, beautifully blotched with brown. **Each \$1.75.**

Marliac Rose—Free vigorous grower. Flowers large, deep rose. One of the best for cutting. **Each \$2.00.**

Masaniello—Novel coloring of rose-pink dotted carmine with white sepals. The flower is very fragrant. Free grower, needing considerable room. **Each \$1.75.**

Mexicana—Handsome bright yellow flowers standing well above the water and very fragrant. Unique. **Each 75c.**

Rene Gerard—Flowers ten inches across, the prevailing color a charming blend of deep old rose, produced by myriads of tiny flecks of crimson on a white background. **Each \$2.50.**

Rose Arey—The flowers are large and deep cerise-pink in color. The pointed petals are curled, giving a darker shading effect. One of the best of the odora type. **Each \$1.75.**

Sioux—Star shaped flowers of a splendid rich coppery yellow color changing to amber red. Very hardy. **Each \$2.00.**

Sumptuosa—Good sized, double, fragrant flowers. The outer petals are rosy pink deepening toward the center. Deep orange stamens. **Each \$2.50.**

Sunrise—This rare variety has immense flowers averaging 10 inches across and is a consistent bloomer. Beautiful sulphur yellow blooms with huge green leaves mottled red. **Each \$3.00.**

Tuberosa Richardsoni—Immense snowball-like flowers, pure white and quite double. Always greatly admired. **Each \$1.75.**

Wm. Doogue—A magnificent lily. Beautiful shell-pink color and blooms continuously. **Each \$1.50.**

SHALLOW WATER PLANTS

Arrowhead Giant (*Sagittaria Sagittifolia*)—Arrow shaped leaves. **25c each.**

Floating Heart (*Nymphaoides Pelatum*)—Brilliant yellow flowers. **15c each.**

Iris Pseudacorus—Yellow flag. **25c each.**

Parrot Feather—15c bunch.

Pickerel Rush—Blue flowers. **25c each.**

Primrose Creeper (*Jussiaea Repens*)—Partially submerged vine with waxy green leaves and yellow flowers. **6 for 25c.**

Water Bamboo—Very artistic. **Clump 50c.**

Water Hawthorn—White flower. Very fragrant. **\$1.00 each.**

Water Hyacinth—Lilac flower. **10c each.**

Water Poppy—Yellow poppy-like flowers. **10c each.**

GENERAL DIRECTIONS FOR ORDERING

REMITTANCES should be made by express money order, P. O. money order, bank draft or personal check for a sufficient amount to cover the entire order and postage if any. If you send cash or stamps, send in a registered letter. Stamps of three cent denomination will be accepted for small amounts.

POSTAGE — Except where otherwise stated, bulbs and seeds offered in this catalog are sent postpaid to all points in the U.S.A. Packages weighing 8 ounces or less can be forwarded anywhere in the United States at a cost of 1½c for each 2 ozs. or fraction thereof.

PARCEL POST RATES WITHIN U. S. and POSSESSIONS from LOS ANGELES, CAL.

Zone	Distance from Los Angeles	First Lb. or Fraction	Each Addit'nal Lb. or Fraction
1st	Within 50 miles	17c	2½c
2nd	50-150 miles	17c	2½c
3rd	150-300 miles	17c	3½c
4th	300-600 miles	19c	4¾c
5th	600-1000 miles	21c	6½c
6th	1,000-1,400 miles	23c	9¼c
7th	1,400-1,800 miles	25c	11½c
8th	All over 1,800 miles	27c	14c

FOREIGN PARCEL POST—We prepay postage up to 10 lbs. on all Flower Seeds, and also on Vegetable Seeds listed at 75c per lb. or more. **For Bean, Corn, Pea, and Field Seed, and for other articles listed in this catalog, add 16c per lb. for postage.** Customers residing in countries requiring Commercial Invoices or Horticultural Certificates, please include 50c for documents and packing.

We cannot mail poisons to foreign countries.

PRICES—In the event of unforeseen circumstances, prices are subject to change without notice.

INDEX

Acroclinium	21	Celosia	25	Gaillardia	28	Millet	48	Rhubarb	15
African Golden Daisy	28	Centaurea	25	Garden Supplies	44, 50-57	Milo Maze	47	Ricinus	39
Ageratum	21	Chard, Swiss	6	Geranium	28	Mirabilis	28	Rock Gardens	39
Alfalfa	47	Cheiranthus	26	Gerbera	28	Moonflower	33	Roselle	15
Alfileria	46	Chewing Fescue	46	Geum	28	Morning Glory	33	Rudbeckia	39
Alyssum	21	Chicory	7	Gladoliolus Bulbs	.59, 2-A*	Moss Rose	38	Rutabaga	17
Alsike	47	Chives	7	Glaucium	28	Mourning Bride	39	Rye Grass	47
Amaranthus	21	Chrysanthemum, Annual	36	Godecia	28	Mustard	46	Salpiglossis	39
Anagallis	21	Cineraria	26	Gomphrena	28	Mustard Spinach	11	Scisify	15
Anchusa	21	Citron	10	Gypsophila	33	Myosotis	28	Scabiosa	39
Anemone	21	Clarkia	26	Gourds	.9, 28	Nasturtium	35	Scarlet Runner	40
Antigonon	21	Cleome	26	Grains	48	Nemesia	35	Schizanthus	39
Antirrhinum	22	Clover	47, 48	Grasses, Field	46-47	Nemophilia	35	Seaside Bent Grass	1-A*
Aquilegia	22	Clover, White	1-A*	Grasses, Lawn	1-A*	Nicotiana	36	Sebania	49
Arctotis	22	Cobaea	26	Gypsophila	33	Nierembergia	36	Shasta Daisy	27
Armeria	22	Cockscomb	25	Harding Grass	46	Nigella	35	Snapdragon	22
Artichokes	3	Coleus	26	Helianthus	40	Oenothera	36	Soy Bean	46
Asparagus	3	Collards	8	Helichrysum	33	Okra	11	Spinach	15
Asparagus Fern	22	Columbine	22	Herbs	9	Onion	12	Spray Materials	.50 to 56
Asters	23	Coral Bells	33	Hollyhocks	33	Onion Sets	12	Squash	16
Australian Pea Vine	22	Coreopsis	26	Hubam Clover	48	Orchard Grass	47	Statice	40
Baby Blue Eyes	35	Corn, Field	46	Hunnemannia	33	Painted Daisy	36	Stocks	40
Baby's Breath	33	Corn, Pop	7	Ipomoea	33	Pansy	36	Strawberry Clover	48
Bachelor's Button	25	Cover Crops	49	Insecticides	.50 to 56	Parsley	13	Subterranean Clover	48
Balloon Vine	23	Cress	8	Italian Rye Grass	47	Parsnip	13	Sudan Grass	47
Balsam	23	Crested Wheat Grass	46	Kale	9	Passiflora	36	Sunflower	.40, 48
Beans	3-4, 46	Cucumber	8	Kohlrabi	9	Pasture Mixtures	46	Swan River Daisy	23
Beans, Commercial	4, 49	Cyclamen	27	Kudzu Vine	33	Pecans	13	Sweet Peas	43
Beets	5	Cynoglossum	27	Ladino Clover	48	Peas, Field	49	Sweet William	40
Begonia Seed	24	Dahlia	2-A*	Larkspur	33	Peas, Garden	13	Sweet Wivelsfield	28
Begonia Tubers	59, 2-A*	Dahlia Seed	27	Lathyrus	33	Pelargonium	28	Swiss Chard	6
Bellis	27	Dahlias	2-A*	Lavatera	33	Penstemon	36		
Bent Grass	1-A*	Dahlia, English	27	Lavatera Assurgentiflora	24	Pepper	14	Thunbergia	44
Bermuda Grass	46	Daisy, Shasta	27	Lawn Grass	1-A*	Petunia	37	Timothy Grass	47
Birdsfoot Trefoil	47	Dallis Grass	46	Leek	9	Phlox	36	Tithonia	44
Black Eyed Susan	44	Dandelion	8	Lemon Verbena	34	Phacelia	36	Tobacco, Flowering	36
Blue Grama	46	Delphinium	27	Lespedeza	48	Pinks	28	Tomato	17
Blue Grass	1-A*	Dianthus	28	Lettuce	9	Planting Calendar	18	Transvaal Daisy	28
Blue Lace Flower	27	Didiscus	27	Linaria	34	Plant Foods	51, 55, 56	Tritoma	44
Brachycome	23	Digitalis	27	Linum	34	Poppy	38	Tufted Pansies	44
Broccoli	4	Euphorbia	28	Lippia Citriodora	34	Portulaca	38	Turnip	17
Brome Grass	47	Dimorphotheca	28	Lobelia	34	Primula	38		
Brussels Sprouts	5	Dusty Miller	25	Love-in-a-Mist	35	Pumpkin	14	Pyrethrum	38
Burnet	46	Egg Plant	8	Lunaria	34	Radicchio	14		
Cabbage	5	Endive	8	Lupine	34	Ranunculus Seed	38		
Cactus	23	Eschscholtzia	24	Marigold	34	Rape	48		
Caladium	59	Euphorbia	28	Matricaria	35	Red Clover	48		
Calceolaria	24	Evening Primrose	36	Meadow Fescue	47	Red Hot Poker	44		
Calendula	24	Everlasting Peas	33	Melilotus	48, 49	Red Top Grass	47		
California Poppy	24	Everlasting Flowers	40	Melons, Casaba	10	Reeds Canary Grass	47		
California Windbreak	24	Farm Seeds	46-49	Melons, Musk	10	Rhodanthe	38		
Calliopsis	24	Felecia	28	Melons, Water	11	Rhodes Grass	47		
Campanula	25	Fennel	8	Mignonette	35	Zinnia	45		
Canary Bird Vine	25	Fertilizers	.51, 55, 56						
Candytuft	25	Fescue	47						
Canterbury Bells	25	Fever Few	35						
Carnation	25	Forget-Me-Not	28						
Carrots	6	Four o'Clock	28						
Cascara	10	Foxglove	27						
Castor Bean	39	Fuchsia	28						
Cauliflower	6	Fungicides	.50 to .52						
Celeriac	6								
Celery	7								

*1-A and 2-A Blue Insert

NON-WARRANTY: Note—There are so many contingencies to be encountered in growing plants from seed and in setting out plants, that are dependent on the weather and other conditions over which we have no control, that success in planting is not altogether dependent on the seed or plant. We will send out only seed which we believe will grow and produce the kind of plant and variety represented, but—

OFFICIAL DISCLAIMER CLAUSE—“The Aggeler & Musser Seed Company gives no warranty, express or implied, as to the productiveness of any seeds or bulbs it sells and will not be in any way responsible for the crop. Our liability, in all instances is limited to the purchase price of the seed, bulbs and/or plants.”



AGGELER & MUSSER SEED CO.

GENERAL OFFICES, WAREHOUSE, MARKET GARDENERS AND MAIL ORDER DEPTS.

652 MATEO STREET

• LOS ANGELES 21, CALIFORNIA

STORES: 122 W. MAIN ST., SANTA MARIA

40 W. GABILAN ST., SALINAS
110 S. PLAZA, BRAWLEY

**836 W. GARDENA BLVD., GARDENA
130 S. CHURCH ST., VISALIA**

Please forward the following ORDER for amount enclosed:

Name _____

Street _____ R.D. _____ Box _____

Post Office _____ P. O. Box _____

State _____

Date _____, 19_____

FORWARD GOODS BY:

Parcel Post **Express** **Freight** Indicate Shipping preference with X in square.

Name of Express Office or Freight Station _____

Amount Enclosed

**DO NOT WRITE IN
THIS SPACE**

Money Order.....

Cash

Stamps

Total

NOTICE—Remittances by Postal Money Order or Check is a guarantee against loss.

(SEND NO CASH OR
CURRENCY UNLESS
REGISTERED)

OFFICIAL DISCLAIMER CLAUSE—“The Aggeler & Musser Seed Company gives no warranty, express or implied, as to the productiveness of any seeds or bulbs it sells and will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seeds, and/or bulbs.”

SUBSTITUTES: You may substitute the next best of any variety you cannot supply. □

Please do not substitute without first notifying me.....

(Please mark a cross (X) in one of the above spaces)

**Please include 3% SALES TAX if you live in the State of California on all items except seed
that is to be used to raise products for human consumption.**

1c to 14c—00; 15c to 49c—1c; 50c to 83c—2c; 84c to \$1.16—3c; \$1.17 to \$1.49—4c; \$1.50 to \$1.83—5c; \$1.84 to \$2.16—6c
On larger amounts figure 3% of total

LOS ANGELES CUSTOMERS PLEASE FIGURE 3½% OF TOTAL

EXTRA ORDER BLANKS AND RETURN ENVELOPES FURNISHED ON REQUEST

NOTICE: Please write below the names and addresses of any of your neighbors who would be interested in receiving our catalog.

Please include 3% SALES TAX if you live in the State of California on all items except seed
that is to be used to raise products for human consumption.

LOS ANGELES CUSTOMERS PLEASE FIGURE 3½% OF TOTAL

From _____

P. O. _____

State _____

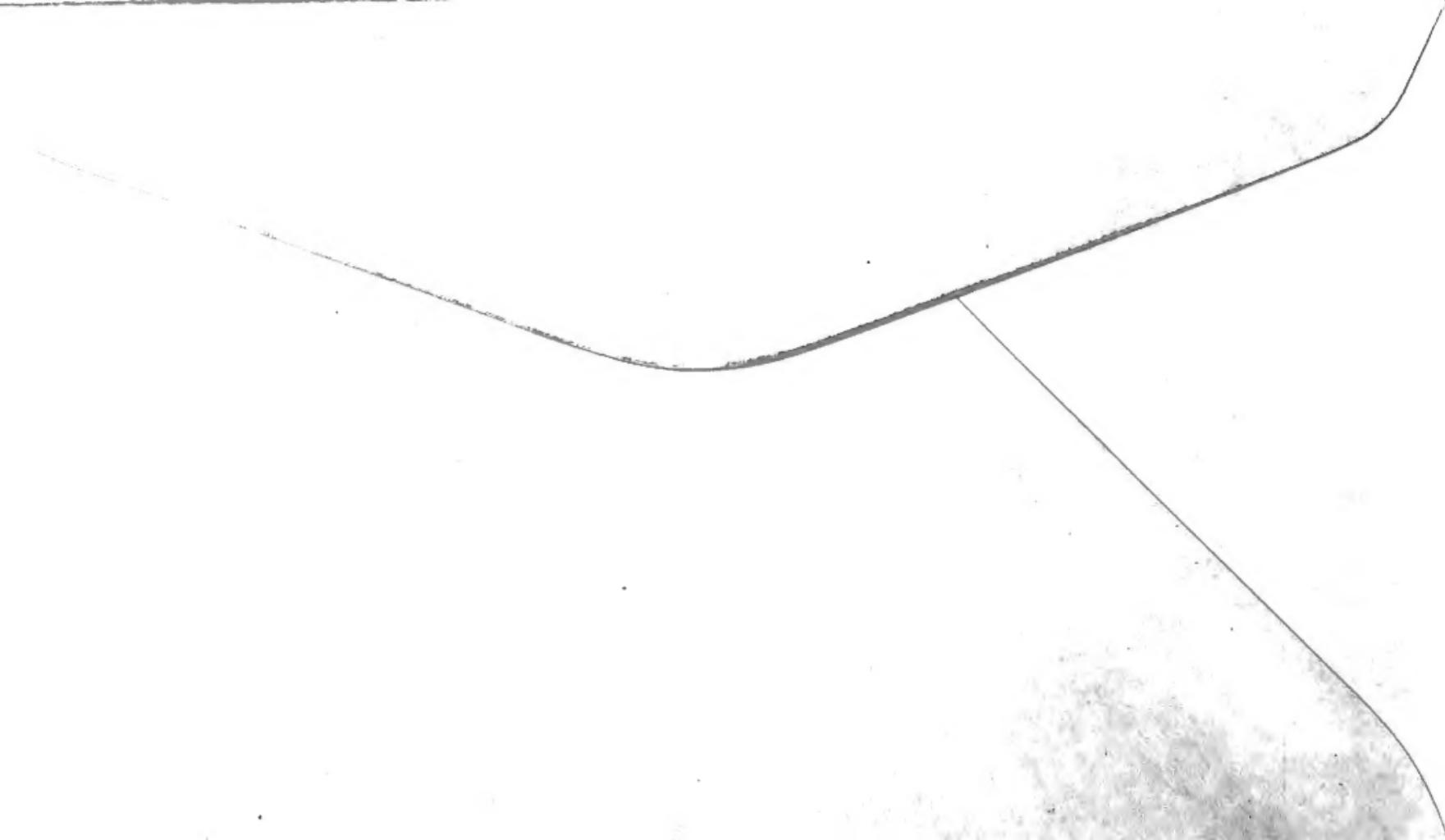
Don't Forget
to place a
Stamp
Here

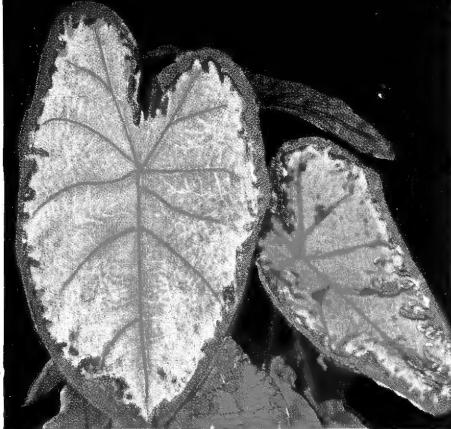
AGGELER & MUSSER SEED CO.

652 MATEO ST.

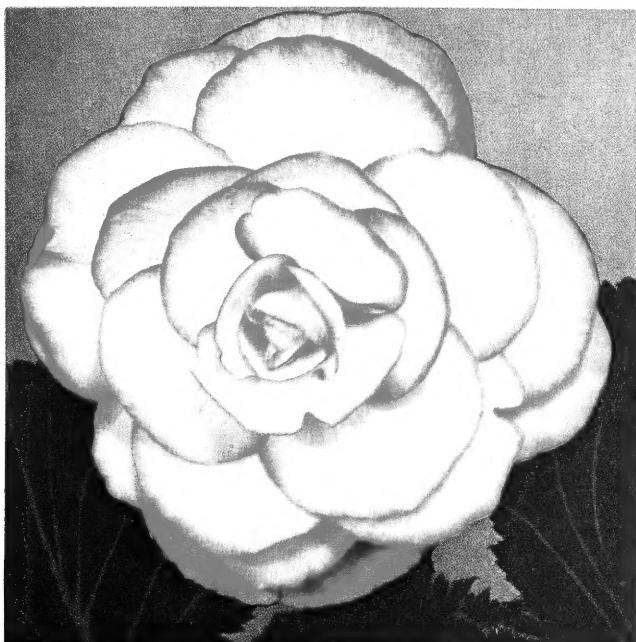
LOS ANGELES 21

CALIFORNIA





CALADIUM—Ornamental foliage plant for window boxes, pots or open ground. 1 bulb 39c; 3 for \$1.09; 6 for \$2.09; 12 for \$4.09.



PICOTEE, Tuberous BEGONIA

A&M
TUBEROUS BEGONIAS
Special Collection
1 each of 6 separate colors of Camellia Flowered Begonias \$1.70 postpaid
For complete list of Begonias see page 2A

A&M
GLADIOLUS
Favorite 10 Collection
Pelegrina
Chamouny
Margaret Beaton
Yellow Herald
Rosa Van Lima
Barcarole
Red Charm
Fair Angel
Elizabeth the Queen
Picardy
1 each of above 10 varieties 85c;
3 each \$2.40;
6 each \$4.35
postpaid

A&M
Dahlia
Royal
Pennant



*Summer
Flowering*

BULBS

A&M DAHLIAS

18 ROYAL PENNANT. Rich royal purple. Informal decorative Dahlia. For complete listing of Dahlias see order blank insert, page 2A.

TEN FAVORITE GLADIOLUS



AGGELER & MUSSER SEED CO.

652 MATEO ST., LOS ANGELES 21, CALIF.

110 South Plaza St., Brawley, Calif.

130 South Church St., Visalia, Calif.

122 West Main St., Santa Maria, Calif.

40 West Gabilan St., Salinas, Calif.

836 West Gardena Blvd., Gardena, Calif.



1435 PETUNIA Comanche—All-America Selection 1953—The richest, reddest, and most brilliant bedding petunia. The large 2½ to 2¾ inch flowers almost cover the plant during the entire blooming season. Pkt. (150 seeds) 50c.



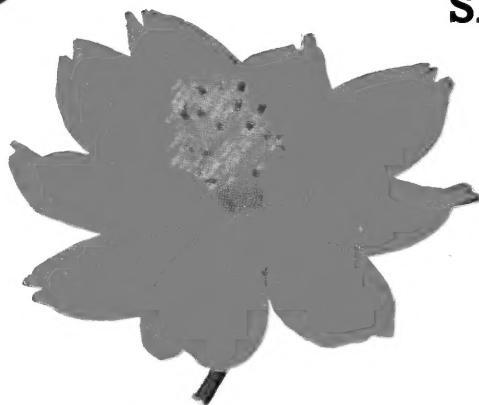
NEW SWEET PEA
Top to bottom, left:
RHAPSODY TOPS,
SUTTER'S GOLD and
avalon.

Top to bottom, right:
SPARKS and
SNOWDROP

SWEET PEA

RAINBOW COLLECTION NO. 1—Contains one 20c packet each of above 6 varieties of Sweet Peas and a 15c packet of Inoculator. A \$1.35 value for only \$1.00 postpaid.

A&M Seeds are



965 COSMOS Fiesta
Semi-double flowers of brilliant canary yellow. Pkt. 25c